

APPENDIX A: DNA SEQUENCES

>naRXA00003-upstream

CATCCATTTCCACAGAACATGGTAATCCTTCTCTAGGCCCCACTCGAAGCCGGCGATAT
AAGCGCCAAGAAGGCCACCCTTGCCTTCGCGGTGCAGCAC

>naRXA00003

GTGCAGGTGAGAACTCTCAGCAGCGAGCTTGTCTGCAGCCTCTCCGGTGCCATCCGGGGG
GTGAACCTAGATATTGCAGCACCGAAGCCCAAGAAGTCAGGCCGCCGCACACTCACAAAA
CCCGAATGGGATGCCGTCATTAAGCATCTGTAAACGCGGGATACCGAGCCACTGTTAACC
CCCACCAAGCACAGAACATCCGACAAAGCACCAAGAACATCCATGCCCGCATTGTGCGG
CTCACTCTCTCCAAGCCGTTTCAGGGCTGAGAATTGCCGAAGCCAAATCAATTGCAGTGG
AAGCACATCATCGACGGTGACGATGGCATGCTCATTAAATGCCAGCGCCGATATTGTCAAG
GGGCGAAAAGGCAAGGAAAGAGGGCGGTATATCCCTATCCTGAGGGCCGACGTAGCGGAA
TACCTGCGTACACACCGCGAGGACGACGAGCATTTTCATCGTAGGCTACCGACGACGACC
GCGAGGCCCTGGGACGCGACGAACGCAGATGACAAGGTGCCCGAGCTATACCGGCAAATT
GCAGAAGCTACAGGCGTGAAGACTCTTCAAGACCTCCGAAGCCACTCCTGGCGTGCGACG
CTGCACGGTGTGTACGCGGACGTGATGGACCCAGCTACACGCGCCGCCATTTTCGGCCAC
ACCGAGCAGGTAGCTGAGGAGTACTACAACGACCGCCAAAATATTGAATCACTCATGAGA
CAAGTCAAGCGCGCCTACGCG

>naRXA00003-downstream

TAACTACGCTTAAGACTACGCGT

>naRXA00008-upstream

CATTGGCGTGGTGATCGCCGGCATTATCGCACAACCTCACCTGCGCTTCTACGTGAGGAA
ATAAGACTATTGAACCTCTTGCCGTAGACTTAGAAAGACT

>naRXA00008

ATGGCCAAGAAGAAAAAGAAAGTCGACGAAAACAACTCAGTTCTCGCGACCAATCGCAAG
GCCCGCCATGACTACCACATCATTGATACGTGGGAGGCGGGCGTGGTGCTCTTAGGCACC
GAAATCAAATCACTGCGCGAAGGTAAGGTATCCCTCGTGATTCTTTGCCACCATTGAT
AACGGAGAAATCTGGCTTCAGCATCTCCACATCCCGCAGTATTCCATGGGCTCCTGGACA
AACCACACGCCCAAGCGCACCCGCAAACCTTTGCTGCACCGCAACGAGATTGATTCCCTG
ATGGGTAAAGTCCGCGACGGCAACCGCACGTTGGTTCGGCTCAAGCTTTACCTCAAAAAC
GGTTCGCTCAAACTCGAACTCGGACTCGCACAAGGTAAGCAGGATTACGACAAGCGCCAA
GATATCAAGCGTCGCACCGAAGAACGCGAAGTCACCCGTGAGCTCGGCCGTGCATTAAAG
GGAATCAACGCG

>naRXA00008-downstream

TAAATGAGTATTCACATCGCAA

>naRXA00015-upstream

AAGACGCACAGAAGCTACACACATAGCTACATCGTCAGCACCAAAGCCGGAACAAGAACT
ACAGCAACCGACGACACTCAACGAGCGCGACCTCCAAGAC

>naRXA00015

ATGATTGATATGTGCACCACTCCTCGACAAGAGATCATGATCCGCGAGCAATTTAAGGAG
ATCAACAACGGTAGGGTTGTACCTCATTACGATCAGCTTGAACAGCTCGCAGAGATTTTT
TCAACTAAAGACTCAATCGACATGGTCAACGAGATACTCAATCGCGATACGGATTTTCTC
AGTAATGAAGGCACAATTTTTATGGAATACATTTTCAACGGTGGATTCCATACGGACAAC
GGCTATCAACCGTTGCTCTATGCATATGTTGAACGAGGCTTAGCGATCCGCCCTCCACGC
ATAGTGCTC

>naRXA00015-downstream

TAGATATGACACAAATCGGTATT

>naRXA00018-upstream

CAACCCGCCCCACAAACACATACAATTAACCTCTATATTTAGTAAATAAATAACTAGTAT

TTTTAATGACTTACAAATATCAAGAAAGATCTATTCTT

>naRXA00018

ATGTCCGCATTATCTAGACCGCACAAAGATCGCCACCGGCGTTGCTGTCGCAACTCTTACC
CTCACCTTGTGTACCTCTGCTGCCGGCGTTGTCCATGCAGCGCAACAATCCATCAGCGGT
CCAGAATCCTCTGTGCTTTTAAATCAACAGCGTTGGGATGACAGCAAAGTTAAGCTTGAC
GACACCATCGCTACGGCCAAAACTCATTGGTACAAACAGGCGAACTGCACCGCAACGAA
CAGGATCTACTTACTGGCTATCTTTTCAGCAACCGCACAGCAATTACCTTGCACTC
AACAAACGCTTATGCCGATGCCGTAGCAATCAAAGACAGCTTTGTCCGCCAACATGTGAC
GGTTCTAAAGAGTCCAAGATTGCCAGCGAACACGCCGTGTCTGAGGTTGTGGGTGCAGTG
AATGTACTCGCCCGAGCACAAAAAGCGCTGCAGATTAACTCCGACACCTACGAACAGCAA
CGTCGTTGTGATGCCCTTCGTCTAGCAAGCCGAGATGAATCAGATGTTCTTATGCGCATT
GATCGCACCATGCTGCAGCTTCGTGCGCACTAGCTGACATTGACCAGGCGTCCACAGAC
ATTTCGCGATATTCGGGCTCAAACAACAAGCTTTGAACGTGATCTTGCCCGCGAGCAAAAA
GAGGCCGACGACGACGACGCTGCTCAAGCTGTAGACACTTCGACCACACCAACATCAAGC
ACAGAAGATCGTGTCAACGACATTCTTAAAGAGTCCCGTACCGATCACAGTGGCGACAGT
TACACGCGCTCAACGACAACGAGCGCACAAAGCACTGAGCCGGATTCTGCAACCAACACC
TCATATCTGTCACGTCGTCTCGACAGCCTGGAACGAGTGCAGCAGCATATTGATCTCAAT
ACCCAGTGCAGACAACCTCGATGATCTTCGTGAACCTACCAACAATGACACGCGTGATCAC
ACCGGCTCCGTCATTTCCATTGCCGATCAACTCACAGACATACCAATGAAATCAATGAA
TTACGCGATAGCACTTTTGCCACCAGAGACAGTGCCCAACAAGCACAGGATCAGGTAATT
GCTCAACGTGAAGAACTGCAACGAGCAAAGGAAGCACGACTAGAAGAACAGCGACTCGCC
AAAGAAGCAGAGAGGGGCGCTCGCAACGCAGCAATTCAGGAACGTGACGCGCCGAAGCA
GCACTGCGTGAAGCACAAGACCTCCTCAGTCGCTCGATGACACAGGCAACGCAACCAGT
GATGACACAGCAGCGCTAGTAGACGGTCTTCTCAATAAC

>naRXA00018-downstream
TAACAATCAGCAACACCGCTCAC

>naRXA00020-upstream

TAGGAGAACTACCTTTCTTGCTGGTGTACCTAGCTTTAAGTTTGTAGAGTAATTAATG
AATAACTAAGTAATGTAAGTAAAGGGACTTTTAAATAACT

>naRXA00020

ATGACTGTGACCACCGCACAAACGAATCGCTGACGAATTTCAACGTGGCATTAGTATCGGC
CCGTGGGATCTGTGCGAAGTACCAGCAGGCGATGACTATTTAGAGCACACCACCAAGGTC
AGGCGACGCCACAGCAGGCTGTAGAGATTCACACTGACTCTTTGATCATTGTGCGCCT
GAAGGCAGTACGTACAGCCACAACCGCACTAAGGCTGGTCTTGCGTCCACGGGCACAGTC
ACTGTGCCAGTGAAGGGGCTTTCTGAGCCTGTGAAGCTTAGTCTCAATCTTCTTGCTGAT
TATGGAACTCCTTTGACACTGTGCACGACGATCTGTGGCAACGAGAGCTGCGTGAGCAG
ACGCGGGGGCAGTTACTCACACTTAATGCAGTCTCCGGTCTTGGGGATGACAGCGTGGCG
ATTATGGGCACGCCATGGGGCGATGGTCTCACCAGGGGAGGCCAACACCATTAAGGTCGT
GAGCATTTTGTGATGTGGGCTGCAGGCTGCCGCTTTGAAGACGGTTATGGTCTGACGCA
CTTCGAGAGGATCGCCATGTGCGACACCAGGCAGTGCAGGTTGAGGATTCCACTGCACAT
CACGGTTGGTTGCTTAAAGGCACAGTGTTCGGGAAAGAACTACCGGTGATGCTGTGACG
GCAGCCATGACAGTTTTGTAGTGTGGTGGTCACTGTGATGAGGGGCGTATCCCTGGC
ATGAAATCAGGACAACCGTTTTCTATGGCAACCGTTTACGCGCATCATCTGCGCCTGTG

>naRXA00020-downstream
TAGAGACTTTTTCAGACCTTAAC

>naRXA00021-upstream

AAAAGCAACTCACTTCGTGCTTTTTTACCAGCCCCGGCTGTGTGGATGCCACCCACTTA
CACCGCACAAATCGAAAATAAAAGTAAAGGATGTTACCTT

>naRXA00021

ATGTCTGACACCAGACAGCCACGACCCAGCAACCTCCCCTACAGTCGATTACAGCCGCA
TCCGGTACTTCTGACCCCAACCAGCAACCCAAAGAAGAAATTCACCATCATTAAGCAGGTG
AACATGATTGCGCGTACTGCCATTGATGACTGCATTAATCGACTAGGCCAGATGTTGTC

ACCATGTCCAGCGAAGACATTGCTGATCAAGTGGTCAACTCCATTAACGTTGCTATTGCC
 AGAGAAAACACACGTGCCCAAGATGCCAATGCTGCGGTGCGTTACACACCTATCTTTAAG
 CTCGATTTCTCCCATGTCGCTGTCCTTATGCGCAGACTGCATGTGATTATCAACATCGCG
 CCATCGCATAACTCTGATCCTGACAGCGATATGTTGGCTATTTACGACCCCAACCCACGC
 AGCGAGCATTAACGGGATCTATCGCACCTCAGAGGCTGAAATACGCCGCGTAGCCCGTGAA
 TACTGCCCTGACCTCACCTCAGCGCAGTTTAGAGAACTGCAGATGGCACTCTEAGATGET
 GCACCTCGTAAAGTCCGCCACAAGCAGCGTGACTTGATTCCCGTGAAAAACGGCATCTTT
 AATTACTCGACTAAACAACCTAGAACCGTTTTCTCAAGAGTTTGTCTTTCTTGCTAAATCT
 GCAGTGAACCTACAACCCAAATGCACAAAACCCCTGTCATCACTCATCCCAGGATGGCTCT
 GTCTGGGATGTTGAATCATGGATGAACGATCTCTCCGATGACCCTGAAGTCGTTAACCTG
 CTGTGGGAGATTATCGGCGCTATCGTGCGCCCTATGTGTCTGGAACAAGTCTGCCTGG
 TTCTACTCAGAGGCCGCAACAACGGTAAAGGCACGCTCGTTGAGCTCATGCGCAACATC
 TTGGGCGCAGAGGCCCTATACCAGTATCCAGCTCTCGGACTTCTCTAAAGAGTTCCACCTT
 GAATCACTGACTCGTGCACAAGCAATCCTTGTGATGAGAACGATGTCGGCGCCTTCTTA
 GAAAAGTCAGCAAACCTTAAAGCGATTGTCAACCAATGACGTCATCTCCATTAACCGCAAG
 CACAAAACCATGCTCAGCTATCAGTTTTATGGCTTTATGGTGCAGTGTATTAACGGCTTC
 CCCAAGGTCAAAGACCAAGTCGGAGTCATTTTTTCAGGCGCAACTCTTTGTGCCGTTTGAG
 AAAAGCTTCACCGGTGCCGAGCGCAAGTACATCAAAGACGACTACATGTCGCGCACTGAT
 GTCCTCGAATATGTACTGCACCGCTACTGCATATGAACACGACAATCTCTCCACCCCT
 GCTGCAGCTCTCGCTGTGCTGGATGAATACAAAGAGTTTGTGATCCTGTGCGCGCATTC
 TGGAATGAATTCAGCGATCAATTTGTCTGGGATCTTCTTCCCCTGCAATTCCTCTACGAG
 TTTTATCGCAAGTGGTTTGACCGTGACAGCCCATCCGGGTCTGTGCTCGGCAAACGCAGC
 TTCATTCAAAAAATCACCACCATCGCCGTTGATAGCGGTGAGTGGGAGTATCCGCTGACA
 GCACAGCGTCCCGGTGGCGATATGGCCGTTCTGAGCCATTAGTCATTGATTATGACCTC
 ACCGAGTGGCAAACGCCACTGTACCTAAAGGTACAGTCAACAAGGGGCTCCCTCTACCA
 CTAAGGCTAATTATCGAGGACTGCTCCGCAAACCTCTAACAACACCTGCTACTCCCCCT
 GCAGCGCCGGTCAACCCACACCAACCCACCCCT

>naRXA00021-downstream
 TAACAACCACAAGAAAGATTTAT

>naRXA00022-upstream
 AGGACTGCTCCGCAAACCTCTAACAACACCTGCTACTCCCCCTGCAGCGCCGGTCAACCC
 CACACCACCCACCCCTTAACAACCACAAGAAAGATTTATC

>naRXA00022
 ATGTCCGCTCCAACCATCTACCCCGGCACCAAAACATCTATTGATCCGATCACCATGGAT
 GACGCTCGCATCATCTTTTTCGATATTGAGTCGCTCCACAATATTTTCACGGTAGCAACC
 TACGATTCTCTGTCCCAACACGTCGATGTCTTTTACCTGCTCGATCACACAACAGCCCT
 CAGATCACGGTGTGCCGCACTCAATGGATTATTTTCGATCAAACGCGCAGCGATGCTGTT
 ATGGCTGCCATCATTGAGCAAAACCCCTGCGTTTCGAGAAATTAAGGCTCACCCATTACA
 ACCGCAGATGTAGCCCTCCACAATCTCGGTGACACCAACGCCAACCGACGCTGGCAGTCT
 AACGTGCTGCTTGCCCGGCTACTCGGGGTATTAGTGTGCGCGGAGAGGTACCTGAGCAC
 CAGAGCCACAACCATCTCGCCAAGCAGTTTGCCGAGGCAACCTTGGTCACCAGGGACTTC
 GATGTGAATTATGATCCAACAAGCGCTCACCCCTTTTACTGCTGGCTTCAACTCGATCAAC
 TATGACACCACCTTGCTCAGCCTGTACTTCGCAATGTTGACCTCAAATATCGGAAGTACA
 CCGACGTATTTCCCGGTGATCACCGCACAAGAACTTCGTGCGCATAACGACAAGCTCTTT
 AGCCCTGAGTTCATCAAAAACATGCCAAAGTATTTCTGGGATCGCGACAGCGGTGCTGGA
 CTCAGAGCTGCATCG

>naRXA00025-upstream
 TAAATTTCTCAATGGTGTGGAAACACTTGAAACAAGCTGCCACACCATTACGCTTTT
 CTTGATACTTTTCTGATCACGGCGCTGGCTTCATCGATC

>naRXA00025
 ATGGCGTGGATGAACGTATCCGTGATTGTTCCAGGCTCTGATGAGGAACCTATTTGTAAAA
 GGCCTGTTTACCGGTGAAGGCCTAACCTGGTTGACTACGAATCTCGGGGCAACTACATC
 GGGTTCCCGCCGTGCTCACCGTGTGCCAATTCTGTTGGCAGTGGGTGTTGCTGAACGT
 TCCGGCATGTTGGCTGCGCTGATTAGGAACTTTTTGGTTGCGCGAAAAAGATCGTTTTG

CCATATGCAGTCGGTGTGATTGGCGTGACCGCGTCGATCATGGCGGACGCTGCCTTCGTG
GTGGTGCCACCTTTGGCCGCGATGGTGTAAAGCTGCTGGTCGGCACCCTGTGGCTGGG
CTATTGGGTTCGTTTGCAGCTGTGGGTGCAGGATATTCCACAGCGATTGTGCCACCAGC
CTTGATGCACTTTTTCGGGAATTACCAACGCCGTGATGGAGACACTTCCAGGCATTGCG
-----AGAACTGAAGTCAATCCGGTTTCTAACTATTACTTCAATATTGCATCCTCGATTGTGTTG
GGTCTGTTATGTGGTTTCTCTATTGATAAGGTGCTGGAACCTCGGATGTGGCGTEAGAAA
ATCGCTACGGAGTATGCAGAAAGCATTGAACCCACCAGCGCAGCAGATGATGAGGAAATC
TCTGCAACCCTAACCGCACAGGAAAACCGCGCGCTGACAATTTCCATGTGGACCACCCTG
GCGACGGCCATCATCGTGCTGGTTGTGGTGTGATTCCGGGATCCCCATGGAGAAATGAG
GATGGTGGATTCTTGCTACCTCGCCACTGCTGAGCTCTGTGGTGTATTTATGATTTTTG
TTTTTCATGGTGATGGGCCTGGCCTACGGCATGGTGGTGGGCACGATCAAGAACATGGAT
GATGTCGTGAACATGATGGGCGAAGCAATCAAGGACATGATTGGTTTCTTGGTTTTGGCC
TTCATTTTGGGACAGTTTGTGGCGCTGTTTAACTGGACGGGCATCGGTACCTGGACTGCT
GTTCAGGGTGCTGCGGGATTGGAAGCGATCGGGCTTACCGGATTCCCTGCGATCATTGCA
TTTATTATTTTGGCGTCATGTTTGAACCTGCTGATTATTTCCGGCTCTGCGATGTGGACG
CTGATGGCTGCGGTGTTCTGTCCTGATGTTCTGCTTGGCTATGAACCATCATTCATT
CAGGCAGCATTCGCGTGGGTGACTCGGCAACTCAGGTGATCACACCGCTGAATCCGTAC
ATGATTGTATCCTCGGTTTGTCTCCGTCGATACGAACCGGATGCAGGTTTAGGCACCTTG
ATGTCAAGGCTTATCCCATTTGTGATCCCTTTCTGGCTAGCCTGGGCTACATTGTTGGCA
ATTTGGTTCTACGCCGATTGCGCGTTGGACCTGGCTCTGCGATCTTCCTCGAAGGA

>naRXA00025-downstream
TAAGTTTTTCATGAGTACTGACAA

>naRXA00027-upstream
TTAGGCAACGACTCCGAAACCTTCAAGAACGTGTGGCACTAACAAATTGCGGACTATCCTT
GGGAAGTGTTTAGATTTTATTACAGGGTAGGGAGATTGTT

>naRXA00027
GTGGATGAACGAAGCCGGTTTGCAGCGCAGCGTTTCCCGGACGGTGAAGAACCAGATCCA
CGTTTCACTTTGGCCAATGAGCGCACGTTTCTAGCATGGACGCGTACGTCTTGGCGTTT
CTTGCCGGTGGTATTGCTTTTGAAGCGTTCCAGATCAGTGGACTATCGGATACTGTCCGT
ACAACAATCGCGGTTTTATCATTGCGGTTGGCATGATCATTGCCGCTGGTGTGCGGTG
AGGTGGATGAATGTGGAGCGTGCAATGCGTAAACAGAAGCCACTTCCCGTACCTGCGATT
ATTCCGTTTCTGTCTATTGCGGCTTGGTGGCCTCTGCGGCTGTCTTGGTTCTGATTATT
GTTACG

>naRXA00027-downstream
TAGCTATGCGCATTCATGAGGAT

>naRXA00028-upstream
AAAAGTCTTGGCCAGAAAACCTCTCTATACTGTGCAGCATGGCACCAACGATCACCGACAT
CCATGTTCTGCTTCGTGCGGTGAGCGACAATCAGTGATC

>naRXA00028
ATGACCCTCACTGCCTCTTCCTTGGAGGCCGGGAAAATGTCTTTTAGTGGCGGGTATATC
GTGGGCGAGACGATGATCTTCCTCGTCGATCCCGATGAAGTCGAGATACGACGAGCCCT
AACAGCCTCCACGTCTGCGTAACGGTAGCGATATTCTGCGCCGCAACGAGCATCATTGC
TGGGTATTTGAGAAATTTCAATAAACCCATTGACCCACCTGTTGATTTGGTCTCTCGGGAT
ATCATCTGCCCCGAGCGCCTTGGCCTGGGTTCTTCAACAGCATTCCATCTCCCGGTCTTA
TCCCACCACCTTACGCGGATAAGATCACTGCGGGAGAGATTGCTGGACGCCCCACCTGG
ATCCTCCGTGAGGAACCTACTTCAGGAGGGCAGGACCAAGTCGATTGGTCAGTCTTGAA
ATCGACAGGAACACGGTGTCTCCTTGCAGTGGAGACTGGACAAGAACGACTCGAAGCC
ACGGAGATTTCTTTCTGACACTCTTCCTAATCCTTCTGGGACGAGCCTGGGAACCA
TTCCATTATCCAGATTGACACACACACTGCCCTGATGTTGCTGAAATACCCGGTTAC
ATTAGTCACTGCCGCCGAGTCTGAAGATCCTCGCAGACTACGAGTCTTCGTCAATGAG
ATAGCACTCGAAGGTGATTTCCCTGACTACCGTCAAGGACAATCTGTGCGACTTACTTTG
GGAATTAGCTCTCCCTGTGCCACTCGAAGGAATGACAACGAGACGCCGGGGCCGGGTA
CGCAACCTTGGGGAAGAAGCTAGTCCAGGCGATGACGGTATGCCCCAGTGGCCAATCCTG

CTCACTGGTGATGGGTGGACGGCGCTGGCCTACACTCCCATCCCCAAACGTGGAGATGCA
GAGATCCAGGGGTGGTTTTATTATTCCGCCTACGGAATTGTTGATGTTCCACAGATCTA
CGGGTAGAGCGTATTTTCGCTGGTATCGGCACAAGTGGCACCAACGAGCGTTTGTGGCAG
GAGATAGACAACTACTTCTTCGGCTTATCACTCGGAAGATTGGTGGATCCGCGATGTCGTT
TTAGACGTCACGTTGGATGGAGCTGTTCCGCCCTCCGCTTAGACGTGACGTCTTCACTGCT
GTCGATCCTATTGTGGCGGGTGACAAATTGTGGCTGTGTGACGTGCACTTTEGGGTAGCC
CGCTGCTGGGAGACCACGACCGGCCGATACTTGGGGCAGACTTTAKTCCAGCACCCTG
CGAGATCGATCGTACGTCTTGGCTGCACAGCGACCAACAATTAGGAGCCGTAGCGGCA
AGTGGGAAGAGTGGTTGGATTCTCACACCTGGTCAAGCAGTAGCCACTAAAGCTCCTGAT
TGGACTCCTCCACCCGGGCAACCGATCTGCCTCAGGTCCCCTCCCCCTGGGAGATCGTC
GCTGTCCGTGGCCAAGGTCTGTTTGGCTGCAGGTGGAACTAGTAGACGCACCGCCCTC
GGTCGAGTTAATGCGACCGGTGGCGTCGACATCGGTGAACTCCCGCCCAACGGCTATAACC
ATCAGTTCTGTGTTTCAGATCGGTGATGAATACATCGTGGGCAGGTGGGTAGAGGAATAC
CGGCTCAACTCCAACTGGAGGTCAATTTCTACCAAGAGCTAGATATCTCCGCATCCGGA
TGGAAGAGCAAGGGGACGGTTGCTTATCTGTGCGGAAGACACTCACATATGTTTCTTCGAC
CAGGTACGCGGGGCCGAGCTTCCCAGCCTGGGTATCGCCGAGGGACACCAGGGCGAGGTT
ATGTCAGCAACTTCTTCAGAGAGCATCGTGCTTATCTACCGGCGCAACCCGAACAATTCA
ATGTCGATTGTCCCGACTTCCGTTGCCACTATGACAATGGCACCTGGACGACTATGCCG
CTACAGGAAGCTCCAGCGGAACGTGTCC

>naRXA00028-downstream
TAAACTGCTCATAGACTGCTGAG

>naRXA00031-upstream
CACACATCGCCTCGTCATCCTTAGACACGCCAAATCTTCCTGGTCCACCGGAGTACTCGA
CCATAAACGCCCACTTAATCAACGTGGGCTTCGCGATGGC

>naRXA00031
GTGGCAGCTGGCCAATGGCTAGCTGGCAACATCGGCGAAATTGATCATGTGCTGTGTTCA
GATGCCACCCGCACACAATTAACGTGGGAACGCGTCCAGCTTGGTGGCGCAACCGCCAAA
GGCTCTAGCTTCCACAATGACATCTATGAAAACCAAGTGTCTGAATTTAAACATTTAATA
ACAGGGCTCCCAGATGTAGTTGGTACCGCCCTACTCATCGGGCACTGGCCAGGCGTGGAA
GAACTAGCCCATTTATTTGGCATCCGCGATGAACATCCCGGTTGGGATCAGATGGAAGAA
AAGTTTCCACAGCGCCATTGCGGTGTTGGAATTTAACACCCCTTGGTCAAACTTGAG
AGAACTCTGCTCGGTTGACAGATTTTGTCAATCCACGGGGT

>naRXA00031-downstream
TAGTTCTGCTTCAATTGAACAAT

>naRXA00036-upstream
CTCTACCCACTTAAAATGGACGCATATTCGCAAGATAAGGCATGCTTGGATGAATAGATT
TTAACTCAACGTTTACTAAACAGAATCGGAATTAGGAGCC

>naRXA00036
ATGCTTGAACGCACACAGGTATTCGTGGATACGTCTACCTGCTCGCAAGCTTTTACAAC
TCTTGGGAGACAGGGGCACGTGCCCAATTAGAAATCGACCTCCCCGAAGTAGTCGGGGTA
TTAGGAAGGATGATTGAACAACAACCTTAAACAGCCAGTACAACGCCAAATGTGGTACGAC
GGAATCCCCGATTCCGGCCCCCACCCTATCAACGAGCACTACGCACCTGCGATGGTGTG
CAACTTCGTGCTGGCCAATTAATTGAATGGGGCGAACGCCGCACACAAAAGGCAGTAGAT
ACCCGCCTTGTTCGACACCTCGTTCTCGCAGGTGTTTCGCGGACAATGCTCCGATATCGTG
CTCGTCAGTGGCGACGCCGACATGATCCCCGGTGTTCAAGAAGCTGCCAATGCAGGCCTT
CGCGTTACCTCTACGGCTTCGGCTGGGATTCCATGTCTCCCACTGCGCCACTGCTGT
GACACCACCACTTTTGGATCCTCGAGAAGATTTTGTGTAATGCATGCAGCTGCAGGTT
CTCGAAGGTCCACTACCCCTGTGCTTCGGGTAAAGCCCATCAACGATGCAGAACCCATC
GAGGATTTGGATTTCACTCCAGTTCAGGCGTCGCTCACCATTGTAAGAGGTCAGCGCG
AAAGATGAGAAATTTCTCCACGCCCAAGTGAACCTGCCGAAGCTTTGTGGAACAGGTC
TGTGAAGCGCAGTATGAGATCTCAAACACGAAGGTCAAACCGCTGATTCAGGAGAAATC
ACCGAGTCTTTTCAGGCCGCTGAAATCAAGGTAAGTGAATTTTTTGGAGAACGAGCTGCT
CCAGTAGCGGAATCAGGCGTAGAAGCTCCCACTCCGGAAGCTCCACGGTTCCTGAAGCA
GCTAAGCCCACTCCGGCGGAACCTAAGACTCCAAAGGCAGAGCCCCAAAAGCAAGAATCC

CCCCAGCCGGGAAGTCCAAAACCAAAGCTCCAAGCCCTGCGGATATTCCACCGAAAGCC
CCAGCTGACACTGAGGAACATTTCGGAAGTCGAAGCTGAAATCGAGGACTCACGTCCAAAG
ATCCCCAGCCCTTCGATGATGGCTCCCCGCCGCAAGCTTCGTTCCCGCTACGTTCGGCTT
CCCAACGAAGTGTGGGCAACAGCAGGATTCCAAACTCCTTACGATGTGGGCAACAGTAC
GCATCGTGGTGGTTTGAACACGAGCTACCAGCACTCAAAGAGATCAGGCTCATCTATTG
TETGGTGGGGAGTTCCACCAGAGATCGATCGCCCGCTTCTGCAGTTTGCTTGTGAAACT
CTCCACGAATACACCCTGACTGAAGCGCAGCGGTAGCTTTACGCGATGGCTTTCCTCC
GGAATCCGTGGTATTGCTCAACCAGCGAGATAGC

>naRXA00036-downstream
TAGAATCACAAAAAAGTGGGGCT

>naRXA00037-upstream
AGCGAATCGGATTCAGTGATTTGCTTGGGGCGCAGAAATGATTTTTCAATTAGACACAC
TTAGACACACGTAACATAAACCTCAGGGAAGTGACTGATA

>naRXA00037
ATGGCTAATCCGCTCAGCAAGGGCTGGAAGTATCTCATGGCATCGTTTCGACAACAAGATC
GATGAGAATGCAGATCCAAAGATCCAAATTCAGCAAGCTACAGAAGCTGCCGAGAAGCAG
CACCAGCAGATTATGCAGCACGCTTCTCAGATTATCGGTGAGCAGAGCAGCTTGAGATG
AAATTGAACCGCTTGGTTACTGACCGCGATAAGTTGCAGGAACAGGCTCGTCAGGCAATT
CAGTTGGCAGATAAGTCCGCAACGAAGGCGACAGTGTTAAGGCTCAGGAGTTCAACAAC
ACTGCTGAGGTTTTGCTTCCAGTTGGTAGCTGTGGAACAGCAGTTGGAGCAGACTACT
GCGCTTCATCAGCAGGCTGAGGTTGCGGCGAAGGATGCTGTTGCGAAGTCTAAAGAGTCT
GAGATGCGCCTGAAAGAGCAGATGTCTCAGATTGATGCTCTACGTGCGCAGGCTGATCAG
GCGAAGATGCAGGAAAGTGTCACTAAGTCTATGGATTCTTTGAATCAGTTTGGCACTCAG
GATTCTTCTGTTCTACCTTGATGCGGTGCGTGAGAAGATCGAGCGTCGATACGCAGAT
GCTTTGGGCGCGCAGGAACCTTACCCAGAACACTGTTAGTGATCGCATGGCTGAGATTGCG
CAGTCCGGCACCGATATGCGGGCGTCAGCTCGTTTGGCTGAACTTCGCGCGGAGGCGCTG
GGCAGCTCCGCAACGCTAAGGGCCAGCTAGAGGCAGGTGTCGAGGATGCGGAAGAAGCTT
ATCGACGAAACCTCCACCCCTTCAGCTACCCAGAAACCGCAAGCCAGAGCTGATGCT
CCAGAAGCATCCGCAGACGAGTCCGAGAAGAAA

>naRXA00037-downstream
TAACCTAAACACAAAAAAGTGGG

>naRXA00049-upstream
CTGAATCATGATTCATAAATGAACAAGGGTTCAGATTTTACAATACCCCCATTCCACCCC
CTTATATTTAAGTACCGCAGATCAGCTAAGGTTTCCCT

>naRXA00049
ATGCCCACGCCTTCGCAGCACAAAGACGCTTCAACAGCACAAACCGACAACCAGGTACCA
ACTGGCCGCGTGACAAAAACGGAACAAACCGCGCGCCTGATCACTTCGCTCGC
ACACTCATGGCAGAAAGGGGTGTCGACAATGTAGGAATAGCTGAAATCACCGAAGGCGCA
AACATCGGAACGGGAACCTTCTACAATACTTCCAGACCGTGAACAATACTTCCAAGCT
GTCGCAGAAGATGCCTTTGAATCCGTGGGAATTGCCCTCGACCAGGTGCTAACCATAA
GACGATCCGGCTGAAGTATTTGCAGGGTCGCTTCGACATCTAGTACGGCACTCGTTAGAA
GATCGGATTTGGGGCGGATTTTTCATACAAATGGGTGCTGCTCATCCCGTACTCATGCGC
ATCCTAGGACCCCGCGCACGCCGAGATCTACTTCATGGTTTAGAAACTGGCCGATTACCC
ATCGAAGATCTGGACCTAGCAACCACATGCACCTTTGGTTCACTCATCGCAGCGATCCAA
ATGGCGCTTTCTGCAGATCAAGATTCCAACGATGACAAAGATCAGATTTTCGAGCCGCG
ATGCTCCGGATGGTGGGTGTTCAAGCAGCAGAAAGCCCGGAGATCGCTTCGCGTCCACTC
CCGAAATATCCCAAGTCAAACCGCAG

>naRXA00049-downstream
TAGTGATCGGGCTCAAATAAAC

>naRXA00052-upstream
AGCTAAAGTTCTAATTTCTAAATTGGTAAAGATCGGAACTCAAAAATGTCGCTTCGAAA

GCTCACAAGCTTAATTGGCATACTGGCTGTTGTTGGCCTA

>naRXA00052

GTGGCGTTTATCCTTTTCAACTTCGTGAAAACAAACGACGAAACATCGAATGTCTCTCAG
AGCGAGTCAACTGCAGAGACAGTCAGCGAAACAAATGGCGTGCTCTCCGACGGCGCAGAA
AACATCGCTTCTCAATCTGATGAGAGTAAATGGGGTGTAGAGATTATTGATTCTGGATTT
GGGCAGAGCTCAAATTCGGCGATGGCAATTGTTATTGCCAAAACCTTCTGGTGGAAGCCTC
GCAGGGGAATTTGTTACGGCGACGGTGAATTCCTCGATGAAAGTGGCGCCGTGTAGCG
ACTGAAGATCAAGTAGAAACACTCAGTTGGGAAGACCAGGAATTGGTATTGCCAGTATCT
CACTACAAGGAGGATTCAAGCCGCCCAGAAATTACAAGCATTGAGGCTTTTCTTTTCAGTA
ACGGATTACGGTTCAGGACAACCAGATGAAACTGCATTGCCGGTGTGGAAACCACCGAT
ATTTCCAACCCATACGCTGGTAGTTACAATGCCTCATTTGCGTTGAAAAATGACTCCTCA
GATGATTTTAAAGACCTGAGAGTTGGTATTGTTTGTCTACAACGAGCAAACGACATCATT
GGTGGTGGTTTCAAATTTCCGAACCTGGTTCCAGCGGGTGGGAGTATTGGAATGGACGCT
AGTGTGACGGTCTCCGAAATGCCAGCTTCTTGTAAGGCATATTTAAATCAC

>naRXA00052-downstream

TAATAGATTCTTAAAAGGCAGCA

>naRXA00054-upstream

ATGCTGAGATCCGCTGGGTGGCACCACACGAATTGGAATCTTTGGAGTGGGCACCTGCTG
ATATTCTCGCGTGAAACTTCTCGTCGAGCAGCTTGCTTA

>naRXA00054

ATGAGCCCATTTCGATTCAAAGCTTGGTCGCGATACCCATTTTGGATTCTCGATAAGACC
ACTGCTTCGCAACCACTGCTGAATCCTTCATTGATTCTTAATGAGGATCCGCACACCATG
TTGCAGGCGATCAAGTTAGAGCTTCGTACCGCACAGTCTTTTACATTTTCAGTCGCTTTT
ATTTCCAGTCGCGGTATCGCGTTGTTGAAACAGGCATTGTTGGACTTCAAGGGTAAAGGA
CGAATTATCACGTCCCGCTACCTGGATTTCAATGATCCAACGATGTTTCGTGAGCTTCTT
ACTTTGGAGAAGCTGGAAGTCCTCATACATCAAGGCGATGGTTTCCACTCCAAGGGCTAC
GTTTTCCATCACGACGTGGGAATCACCGCAGTAGTGGGTAGTTCCAACCTCACAGATAAT
GCTCTGTTGGTAAACCGGGAATGGAATCTGAAGTTCTCTGCCAGCAAGAATGGCGACATT
GCTTTTCAACTTGATGATGCGATTAAATCGCCAAATGAACGATCCACGCCACTGACGCCT
GAATGGATCTCAGAGTATGAGGCAACCAGACGTGTACCTGAGCGTTTGGTGTCTCAGAAT
ATTCTCTCGAGGATCAAAGTAACGCCGGAACAATTGTTCCAAACGTCATGCAGGAAGAG
GCCCTCGACGCTCTACTTTCTTTGACGGAGAAGGGAGAGAAACGTGGTGTCTATTATTCT
GCGACAGGAATGGCAAGACTATCCTGGCTGCTCTAGCTACAAGAATGCTCAAGCCTGAA
CGAGTTTGTTTGTCGTGCACCGCAACAAATCTGGATAAGGCGCGATCCGAGTTCATC
AAAGTTCTTGAACGTCCCGCTGTTGATTTTCGGAATAATGTCTGGCTCGACCAAGGAGCTA
GATAAGCCGTTTGTGTTTGGCACCATCCAAACGCTGACAAAGGAAGCTACACTTTCCAG
ATCTCCCTACTGACTTTGATTTAGTCATCGTCGATGAAGTCCATCGCGCCGGTGCCGAA
TCCTATTGGCATTGCTCAATCATCTGCAGCCACAGTTTTTATTGGGCCTGACTGCTACC
CCAGAGCGAACTGATGGATTCAATATTTATGAGTTGTTTCGATTTCAACGTGCCATATGAG
ATCCGACTTCAAGCTGCTTTAGAATCCAACATGCTCGTACCGTTTCACTATTACGGTGTC
ACAGACTTCACGCTTGATTCTGAAACAACGGTGACTGATACCTCCAAACTAAGTGCCTTG
GTGAGCGAAGAGAGAGTCCATCACATTCTGGAGGCCCTCAAACTTATGGTCATCCAGAA
AATGTTCTGTTGACTGATCTTCTGTTTCCAAGACTGAAGAGGCTGAGGAGCTGTCAAACTT
CTCGACCAGTCGTTGTTTAAATGGCAGCTTGCTTAAACCAAGGCGCTCTCTGCGAAGGAC
TCAATTCCTTACCGCAAGAGGTTGTAGCTGAGCTGGAGTCCGGCGACCTGGACTACATC
TTGACGGTTGACATCTTCAATGAAGGCATTGATATTCCTTCGGTGAATCAAATCGTAATG
ATTCGTAGTACTCAATCAAGCATTGTGTTTACGCAGCAGCTCGGGCGTGGACTCCGAAAA
GCTGCTGGCAAAGACCATCTGCGCGTTATTGATTTTCATTGGCAACTACGCGAACAACAT
CTCATTTCCCATCCGATTGTTTGGCGATAATTCTCGCAATAAGAACAGCATCAGACGCCGC
CTGATTGAGAGCGATATTGATGGAACAATCTCAGGTGTTTCAAGTGTAACTTTGATCCC
ATCGCGCAGGAGAGAATTTTGTGCGTTGAAGGCTGCGAAGTTGGACTCAAAAGCACAA
TTCAAGCAGGATATTGTTTCAGCTTCAAGATCGACTCAATCATGTGCCAGCACTGTTAGAC
TTCGCTCGCTTCAATACTGTTGATCCGTTTATCCTTGCCACGCATTCTGGCAACTACTGG
TCGCTGCTCAGTTCAGTGAAGTTTGTGATCACGCTCCAGCGAATCGGAGAAGTACTTT
CTGGATTTCTTACCGGAGAGCTTCTTAACGGCAAGCGACCTCATGAGCTGTTGCTGATC
CAGGAATAATGAAACAGCCTGAACTTCTACTGAAGAATTCCGTAAGCTCTTGCAGGCC

CAATCGACTAGTTCAGATGAGCAAACAATCAACTCGGTTGAAAGGATTTTGAGCCAAGAA
 TTCTATACGGGACCAACCGCAAGAAGTTTGGCGAACATCCGATCCTCTCTGTTCAAAC
 CGCACCTACTCTTTTACTCCCCGAGTTCCGACGTGCCCTCGACGAAAGCCTAGAAGTGACG
 GACCGAGATGAGGCTGCTCAGAATTTTAAAGTTTCACGTCCAAGACATCATCGACACTGGT
 TTGTTTATCGCCAGAAACAATGGATTTTGGCAAGGAAACCTCGTTGTTGGCGAGAGATAC
 TCCCCGACGAGATGTCTGCCGAATTCTCAATTGGGAACGAAACAACGAGAGCACGATTAT
 GGATACAAAGTGGACAGTTACACATCTACTTGCCCAATCTTTGTGACCTATCACAAGGCT
 GATGATGTATCCGAAAGTACTCGTTACCAGGATGAACCTCGTCGATCCGAATACCCTTCAT
 TGGTATTTCCCGCGGCAACCGAAAGATCACGTCTAATGAGATCAAGCCCATCGCTGCGAAT
 GCTGTGGATCTTCATGTTTTTGTGAAGAAGGACGATGCCGAAGGCCTTGATTTCTTCTAC
 CTTGGTCAAGCGCATTAGAAAACAGCAAACAGTCATCGATGCCCGGAAACAAAGGAGTT
 GTGCAACCGGTGGTCACAATGGATCTACAGTTCGACACACCCGTCGAACAAAGCCTGTTT
 GAGTACCTGAGCACAATCTCGCCGTAACGGAG

>naRXA00054-downstream
 TAACCACCGCAACCAAGCGTCGA

>naRXA00056-upstream
 ATATGAATTTAATAATAGATTCCGAACGAAATCGGTGTTAGCGTCTGTGCTGAAACAATC
 TAATCGCGTTTCAGGACACCTACATGATCAGGAGCTCTTT

>naRXA00056
 TTGTTAAACAGAGTCAGTCGTATTGCAGGCGCTTCTGCAATCACACTATGCATCGGCTTA
 ACCACAATACTAAGCCCTACTTCCACTGCACAAAGCCTCGAACAGATCACCCCTTTACCT
 GAATCTGCAATCGACCTCAACGCGGAGATTACGTAAACACAAGCGACATTTAGCTGAA
 CAGATCCTTGCTGCTCAAGATGAAATCACAACATGTACGATTCTCATGACCCCTACGAG
 TACTTCGATACCCCTACCGACATCGAACAGCGTTCAATAATAGCAGCGCTTAAACGGGAT
 CCGAGTTCACTCCAACAACGCCAAGAAACCCGCTCTCGCGGCACAGTCCGACCCCTACAAA
 ATTTACATATCAGGCCTCGAAATGCTTTTCATGCATCAATCTAGTTGATGTTGTATCATGC
 GGGATTGCAACCAAGCAGCAACCAAGCAAATAATGAGGCTGTGCGACGATACCCAGGC
 GATTCCTTCGCAACGGCAAAGGCGATGCATTTCCGGCATGCTCATGGAACGCTCTGATG
 ACGATACGAATCGGGAGCAATGGAGCTGAAAGAATTGCAACAAACCACGAGACAATCGGG
 GACGGTCCGGCCGATGAAAATGCAATGGACCTATTCAATAATGCACAAGCCGACAGATC
 GGAGCCGGATTTCATTAATAGTAAGGATGAACTAGCGCGCTCGCGATATGCGCGCTGTGG
 ACAAATCTCGGTAGACTAAAACTCTAAAA

>naRXA00056-downstream
 TAAGCAAGGTGCCCTCTGATGCT

>naRXA00058-upstream
 ATCACTAGGCTATCTTCCGGTTACCTGAAGTTAGTAACACACCGGTCACAGAAGTTCCG
 GCTCGTGTAATCTCCGCTTATCTAGCTCAAAGGAATACTT

>naRXA00058
 ATGAAGTTCTTCGGGTTTTATCGTCCTATTGCTTTAATTGCTGGCATTACCGTTTCAGCA
 TCTATTCTCACATCCGTAGCTACTGCAGCTGAATCTCCAAGCTTTCAAGCGATTACA
 CCTGCATTCTCTTCATCATCGGCTCCAGAAGCAGACGAGCAAGCAACACCAAGTGAAGCT
 ACCGCAGACCTGCTTTACGTGGCAGAAAACCAACTACTTATTAAGCTTTCTAACGCCGTC
 GTCGAAGATGTTAACGGCGAAATCTTAATGAAAGATAATAAGGGCACTCTTCTGGAGAAT
 TTGACAGCTGAACCTCAAGCCCAACCAGGCTTCTCAATCGAGAAAGTCGATTCCCATACT
 GCTTTGTTGACCATGAATCCAGATGAGGTGCCAGATTTACAGGACTGGCGATGCGGAGTC
 GGCGCTTTGTGAGCGGGGTAGCAGGTGTGGTGGCAACTGGTCTAGCTCTCGCCGCTTTG
 GGAGTTGCCACAGGTGGCACGGGTTTGTCTGTGCTTGCAGCAGGGGGACTTGCTGGATAT
 GGCATGGCGCTGTGCCCAACTGC

>naRXA00058-downstream
 TAAGGAGAAATAATGGGAATTGT

>naRXA00059-upstream
 CTGGCAGGCGATTGTTCTCTTACTACTTGGCGCTAGGTACAGGTGGTGCCTATCTGCTGGC
 CGGTGGTGATGTCACTCAAACGCCCCGACTGGTGTGTGG

>naRXA00059
 GTGTTGACCGGAATCTTACTGGCTATGGTCTCTACCGCCCTACGAATCCGCTTCGGATCA
 GGGGTAGCTATCGCTGCAACCGTGCTGTGGACAGTTATCTCAATAACCTTGGGCGGAGAT
 GTGCTAGCCGAGACCATGCTCTGGCTTGTAGCAGTACCATCCTGGCCAGAAACAGCGGAT
 ACTACTACCCGCTTCCTTATTGCGATGCTACTGCAGGCAGTTCTTATCACCGGCAGCACT
 ATCTGGGCTATCCGAGAGATCCGGGATTACAGAGCGCCGTGGC

>naRXA00059-downstream
 TAAGTTCAGCACCTCCGACAACG

>naRXA00063-upstream
 CCTGGTCATAGGATAGCTTAGCTCAACCACACGGTCAGGGCCAGCAATTCCTCACGTTTTA
 CCAACTCCGTAAGCACACCATCATGGCCTGGTGCGCCGCT

>naRXA00063
 ATGACCGACGGGGACTTAGACGCTGATATCTACCCCGCCAGATCGGGTTGATGACCACC
 CGAACCGTGGTCGAAATCGTTGACTACGCCACATGATTGCCCAACAACTAGAAAGAGCC
 ACGATCATGGAAAACGAGTACCTCAAAGAAATCGCAGCGCTGAAGAAAGAACTCGCGCAC
 TACAAGCAAAAAGACCATCAGAATCAAATGGTGATCGATATCTTGGGAAAAGCTATTGGG
 ACCAGGCCCAATCCTGGCGAGGGCTTAGACGAGGAGGACGCCACC

>naRXA00063-downstream
 TAAACGTGGATGAGCAACGCGCC

>naRXA00065-upstream
 ATGCTTCTCAGACGCCTCCCTCTCCTTCAAATCCGCCACCGATTCCAGCGTCACTCCCAT
 GCATGCCCAACCGGGACAGATCTTGCCGTGCGTAGGAATT

>naRXA00065
 ATGGCGAATCTTCCCAAGAGGGTTTTTCTGTGGTGACGGAATTTTGGCGGATCCCCGC
 ATTTGGGGCCCGGAGATTCCGTATGTTCTGTAAGAAGCAGGTCAAGTAAATGTGGAAGCA
 CCCGACGAGGCTGGCGATCTAGCCCGATTGACGTTGCCTCTGCAGTTGATCCTGCTCACG
 GAGGAAGAGTTTGCCATCGCTCTCAACGAGGGCAGCGACGTCATGTTCAACGAATGGCG
 GAGCAAGAAGTCGATCTTCTGGATCTGAAACGT

>naRXA00065-downstream
 TAAGACGGTAGGCTCAATTCCGT

>naRXA00067-upstream
 GGAATCCCGCATGTTGGGCTCCAGTTGGGGACTGACTCTGTTTTTGATCATTTTGACGCC
 AATCATTATTTTCTCACTTTTCACTAAAAGGACCATGCA

>naRXA00067
 ATGGTAGACGCTCAGCGCCCCAAAGCAGGCATCTTCGGTAGCCACACAGAAGAAACATGG
 GTGTGGCTCGTAATGAACCTTTTCGACGAGTCCGGCGAGGTCATCGCCGACGTTTCGCTCC
 GACGTCTCTACGTGGATCGCGAACGACTACTCATCGAATCCACCCCGGCACCATGCGT
 TTTTCGTTGCCGCGCAACACTGTCCGGGGGTGAGGTCTATACGATGACTCAGAATTCTTTC
 ACTGTGGGGGATCTCACTGCGGTGTGCGGGCGCCGACGTATTAATAAAAAGGGTGTGCG
 CCGTGGCGTAAAGAACGCCTGATCACCACCAATGGGGTGGAAGTGGCGCGGCTTCGCCCCG
 ATGACCAGCGTAAAGTCGAATTCATTGTGGGCACCGCGGGCAGCGAGGCGTTGCGGTTTC
 GTCGACGCAGTATTTTTGAGCTGGGCGTGCGTCTGGTGGATTTCGGCCGTGCGCCGCGCCG
 AAAAT

>naRXA00067-downstream
TAAAAGCTTTTGTCTATCGACG

----->naRXA00068-upstream
GGCTGCTAAACGGCAACCAATAGAGCGATAATTTCGCTAAGGCGAATGTAATCGCAGCAAC
ATATAGCACCGGCTTAACAGGCCGGTGCATTCTGTTCGC

>naRXA00068
ATGACTTCGAAGGATCTGATTGTGACCTCCTATACGTCTTGGGGCAAGCGTTTCAAGAAT
GACGGGAAGCTTTTATTAACTACTTCGCAGCACCCTGATAGTGCTGATGAAAAGGTT
TTAGCCACTTTTGGTGAAGTTCCAGCAAATCATTTGAAACCACCGCAACGGTTGATGAG
CAGCAGTGGGAAGTGTCTTCAGTATTGATGGAACGGCAACTGCCAAGCTTCTGATGGT
CGTGTGTTTCAGCGCAATGCAGGTGAGAAGACCTTTACCAAGTCCAAGCGGATTGAAATC
GACATGGACGGCACCGCGATGGCTGCTGTTAATGAAGATAAAAACAATTGGATTATCGAC
GATTCTGAAGAGAATAAAGTCGCTCAGTTTACCGGTATGAACAACGGTGTGCGTCGCGCG
ATTGTGGAGTTTGAGCCTGACGTAGAAGTCACCCAGGAGCAGGAAATTTCTTGTGCTGG
GTTGCTCGGAAACTCTGGAATCCCGCATGTTGGGCTCCAGTTGGGACTGACTCTGTTT
TTGATCATTTTGACGCCAATCATTTATTTTCCTCACTTTCAGC

>naRXA00068-downstream
TAAAAGGACCATGCAATGGTAGA

>naRXA00071-upstream
GCTTTTCTATTTCGAAAAATAGCCTTGTATTTCGAAAAATTTGATCGGGTATGGTGGTTGGT
AKWRKRSRWGGKAACWAMACGGGGAAAGGGGAAGACACC

>naRXA00071
ATGAGCATCACACACAGTCCAAGCACTCACCACAGCACTCAACGCCATCGACAACCAT
TTGGCCAGCATGCTYGACCATGGTGTACCCCCAGACCAATACAAGGCCATCGAGCCCGAC
CTCATCGCCCTAGAACACACCATCAACCACCAGCCACCATCGCCGCCAAACCAACMGCC
CTCGCCGAACGACCAAYGCGYGCSCASWSATTTGGCTCCACCCACCTCATCGACTACCTC
ACCACCACCTTCGGCCTATCTAAAGCACGCGCCCAACCCGCATCAATCTCGCCCACTCC
CTCTACCCCATACCGAAGCCAAACTCTGGATCTGGCAACGGCGGTAAATGGTGGCAATCCC
GACGGCGGTCTGATGGTGGCGACTCGGGTGATGACGACTCCGGCGATGATGACCCCGAC
CCCGAACCAGCAAGCCTGAAGACGGCAAACCTGATAGTGATAAGCCCCGTAGGCCACGG
ATCAGCGCGGAAAAACACGCCATCATCACCGACGAACTCGCCCGCTCAACCCGAATACC
ACACCCAGCGCCGAGGAACTRCGCAMCCAAGCCCTGAGTCARGCGATCTGGCGCACCCCA
GAAGACCTCCGCACGTGGCTACGCCACCAGGTCACCACCGCAACAAAAACAACCCCAAC
CCCATCACCGCCATGAAAAGGCGCTACCTCTCAGTAGGTAAACCCGATGCCGACAACATG
GTCCGCATCAGCGGCCTCGTGCCCGCAGCCACCGCAGCACTGATCACCGCGAACACCGCA
CCGTTAACCAACCGTGGCAACCTCGTGGATCTACCAGCAGCAGAAGATATGCGCACCCGC
GGGCAACGCCATGCGGATGCGTTGCATCACATCATGGAGATCTACAACCACGGTATTGTC
ACCCAGCTCGTGGTGGAACAGCCAGCATCATCTCCATGACCACCGATGATCTTGAC
GAGATCAACCACGGTGATCATGGCGATGGCAGTCTACTTAACAACCTGTACCCACGAAC
ACGGGTTACTCATTTGAACCTTGGCGGAGATCATGAACCTCATCGCTGCGAAATACGACTTC
GCTGTGCTCCTCGATGGTGAGACGGGGCAGCCGTTGAACGTCAATAGGATGCAGCGCTCA
GCGAACCTGACTCAACGCATCGCGTTGTTTGTCTCTGAGTTGGTGTGCTCGGCACCCAAT
TGTGACAGGCCGAGTTAGAGTGCGAGGTTTCATCATTTAGATCCCTGGATGAGAGGTGGG
CTGACCAACCTGGTCAATCTCACGCATCAGTGCCTTAATCACCAACCCACGCAACGATGAT
TCCAGGAGTGGGGTCAATGGTAAAGGGTTTATGGACCGCGATCCCGTCACTGGCAGAGTA
GGTCACTACTCAGCAAGTGGTGAGGGGCCGGTGTTTAAACCGGTCGGCTGCTGTGATCGT
TCCGGTGGTGCA

>naRXA00071-downstream
TAGTCCAGACGTAAGCATTATGG

>naRXA00077-upstream
CTAAATTGTTTTAACGCGTGAAGCAGTCCCCGCCGATTTATTTCGAGGCGGGGACTTTTCG
CTTTCCGGGATAAAAAATTGCAACGCACTACACTGAGCAGT

>naRXA00077

ATGAATGATGAGAATATTCAAAGCTCCAACTATCAGCCATTCCCGAGTTTGGACGATTGG
 AAACAGATCGAGGTGTCGCTCTTAGATGTCATCGAATCCTCACGCCATTTTCTGATTTG
 AAAGATAGCACTGATCGTTCTGCGTTAGATGCTGCGCTAGAGAGAGCAAAAAGAGCTGCC
 GCAGTTGATACCAATGCCATAGAAGGAATCTTCCAACTGATCGCGGTTTACCCATACA
 GTTGEAACGCAGGTAGGGGGTTGGGAGCAACAAATGGCGATGAAAGGCAACATGTTAAG
 CCTGCGTTTGACGATACTCTAGAAGGCTTTGAGTATGTTCTCGATGCAGTAACTGGTAGA
 ACTCCAATCTCTCAGCAATGGATTAGAAATTTGCACGCCGTCATTCTGCGGAGCCAAGAA
 AGCCACGAGGTTTTTACAGCCGTTGGAGTCCAAAATCAGGCGCTTCAGAAAGGCGAGTAT
 AAAACTCAGCCAAATAGTCCACAGCGCTCAGATGGATCTGTACATGCATACGCCCCAGTT
 GAAGATACTCCTGCTGAAATGGCTAGATTTATTTCAGAACTTGAATCTAAGGAATTCTTA
 GCAGCCGAGAAGGTTATTCAAGCTGCCATGCCCCTATGCTTTCTGATGTATTATCCT
 TTTGCAGATGGGAATGGACGAGTTGCACGAGCCTTGGCTAGTGTCTTCTATACAAAGAT
 CCTGGTGTCCCTCTCGTAATCTACCAAGATCAACGCAGAGATTACATCCATGCTCTAGAA
 GCAGCGGACAAGAATAACCCGCTCCTGCTGATTAGATTCTTTGCTGAACGAGTGACCGAT
 ACTATTAACCTATTATCGTTGATCTCACTACCCCGATCGCGGTAATCTGGTTCGGCT
 AAGCTTTCGGATGCGCTACGCCCCACTCGCGTATTACCAGAATTACATGATGCTGCACAT
 AGGCTCCAAGAAAGTTTATTTACAGAAATCCGATCTCGATTGGATGAAGAAGGAAAAAGG
 AATGGGTTGGAGTTTCTACTTCAACGGATTTTATCGGTTCCCATTCATCTGCCAGAG
 GGCTATAACGCTTTCCTGATAGCTATTGTCTGACCTTAGCTTTCAATAGCAACTCTCCA
 AAACAAATCTTCCACCCGCTATCCATAGTAATAGCAGCTCGAGATGGGAAAAGAGCGAGC
 AGCGACCTCGTGGCAGCTACTTCTATTGGATACAACCTTTCACGCTTACGGACGTGAAGTC
 GAGCCTGTTGTACTGAAAGCTTTTCGAGAACGTGTGAAAATTTACGCCGACGGGATTGTA
 GATCACTTCTTAACCGAACTGGCTAAAAAGTTTCAACAGAAT

>naRXA00077-downstream
 TAATTAGCTATCTCGGCTTTTCG

>naRXA00079-upstream

GATAGCGCGGATCTTCTAGGCTGCCCCGCTTGGGCTTCAGGTTTAGCAAGCGGGACGCT
 TTCGCTTATCGACGCCAACTCCCTCCATTTGGAATCCCCC

>naRXA00079

ATGGGCCTAGTTCACACCGAATTCACCCCAATAAACACCTACGGAATCCTCGACCACGTA
 GTCACCTTCCCGACGGAATAAAGTGCTCAACCTTTCCGAGTCATCCCCACGACACC
 GGCTCCGAACTCATTTTACCGTCCGCCCCAACGAAAATTCGAAGAAGATTGCCAAGCA
 GTCGCAGCAGACCTCGAAAGGCTGGTCGCACTGGCCGAAAAA

>naRXA00079-downstream
 TGACCCACAGAAATGGTCTCTAA

>naRXA00080-upstream

TTGGCAGCGTTCCGCCAGTACGGAATCCAGCCCGGACCACTACTCTTCGATCGCAACCTT
 GAACTTGTCTGGGCATTCTTGCCAGCTTCTTTCATCGCG

>naRXA00080

ATGATCGTCTGTGTTTCATCAACCTGCCGTTGCGACAGCTGTGGGCAAAGCTCCTGCTC
 ATTCCAAACCACTACCTCTACTCCGGCATCGCATGTTCTGTGGCCTGGGCATTTACGCC
 ACCTCCGGCGCAGTGTTCGACCTGCTCATGCTGCTCGGCATCGGTGTGCTGGCTTTGATC
 ATGCGTCTGTACGGTTACCCGCTGGCACCGCTGATGATCGGTATGGTTCTTGGACCTTTG
 GCTGAAACCTCCCTCCGCGACGCACTACTGTCCTCGGTTGGCGATTTCTCCATCCTCGTC
 TCCAGCCCCATCACTGGTCTCTCTACGCAGTGCTCGCCATCTTCATCGCGTCACTGTC
 ATCACTGCAATCCGCGGTGTCGCAAGCACCTGACTTCTCAGCTCGAAACCATCGACGCT

>naRXA00080-downstream
 TAAAGTCCCCGTATAGAAACAGG

>naRXA00082-upstream

CACTTGAAGGCGAAGAACTCGACCAGTTTGTGAAGATGAAATTGACCGAATTGATCAGC
TATTCAAGAAGATGGGCTA

-->naRXA00082.

GTGAACGTCACTGAACAATCCGGCGAGTCCCATATCGACATCCCGGAATCACAEAGGTG
CCCGGACCTCGTCCAGTTGGCGAGGGCACTTTCTGGGAAGGCCGCTCCGGGCTCATCATG
CCCGCAATTCTTACGGCATTAGTTTGTATTGCTCATCGGTGTTTAAACATGGATGTG
GGCAATGCAGCATTCACAGACCTCGATTCTTCCCAACAATCCTCGGCATCGCGGGTTG
TTGGTGGCAGTGGCATTGACCATTCAAACCATCAAGTACCCCATGCATCCAGAAAATGAA
TCTGGCCGAAGCTGGAAATTCCACTCTGATTACGTCTCACTCGCGTGGGCGATCGGTGGC
TTCTTCGCCTTTCAGTCTTGCTTCCATATCTTGGCTGGGTCTTGTGGCTCCTTGTG
TTCTGGACAATGACCAGGGCTTTCGGTTCCAAACGCCAGGTTTCGATGTTCTTGTTC
CTCATGATGAGCTCCGTGGTCTACCTCGCATTCGATGTGGGCTTGGGACTTAATCTTCCT
TCCGGACTTTTGGGTGGTGGCTTT

>naRXA00082-downstream

TAATGGATATTTGTCCCTCTTG

>naRXA00083-upstream

GAAGATACAGGGGCCACGGTGGGTGGTGAACAAGAGCAGGCACGAGGCCTGGTAGATA
CGGATTCGACCAAGAAAACGTACACCACTCAGGAGCACTC

>naRXA00083

GTGCTTGCCCTTCCATCCTCTATCATCGACCCCTCTGGTGCCAGTTCGCCGCGCTGATC
CCACCCGTGACCGACACCCACCACTTCGGTGCCACCGCCACGCATCCCGGACCGGATC
ATCTTCGACAAGCTCATCCAGGTCTCGTCTCGGCGCCTCTATGCCAAGATCGCCGAC
ACGACATGCTCGGCCACCACTTGCACCCCGCGGACGAGTGGATCACCGCTGGCATC
TTCGAGCAGCTGGAACAGATCTGTTTGAATTCTACGACCGTATCGTCGGACTCGATCTC

>naRXA00083-downstream

TAAGTTCGGATTGGCTCGAATTG

>naRXA00087-upstream

TCGTCACTCAACAAACGTTTTCCACCCGGAGGTCTCCCGTGTCTACCGAAATCCACAA
CGCCCCACCAAGGCCCAACTTGGCTTGGCTGGGTGCTC

>naRXA00087

ATGATCGGCGGAATAATCGGCCTCATTTTGTGGTGATCATCATGGCCGAAAACTTGCC
ATCCTCGAGGATCCCGGTACATCACCAGTTCGATTTCATATGCAGTCCCTAGCTTGTGGC
GATGTATCGGTTCCGGCCAAGCTAACGCGTTCGGCATCCCGAATCCGCTCATCGGCATC
GCCGGTTTCGCCGCTGTGCCATCATCGGCGCCGGCATCCTCGCGGGCGCGGGTTCCGC
GGTTGGTTCTGGTTCGGCGCCAGGCCGACTCACTTTTGCCATGATGTTCTGCCACTGG
CTCGCCTACCAATCCATGTCCGTATCCGCGCGCTCTGCCCTTACTGCATGGGCGTGTGG
ACCGTATCGATCATCATGTTCTGTGCTGGTCACTGCATGGAATGTGAAAACCTTCAGCGGC
TCCGACAGCACGTTCTGCAACGCACTGTACAAATACAAGTGGGTATCGCGATCGTCTGG
CTGCTGCTCATCGCAGCCGAGCTGTGTGGTCATTCCGCTACATGTTT

>naRXA00087-downstream

TAGGCATTTAAGGCTTTCAGGCC

>naRXA00093-upstream

AAAGAATCGATTCCGGTGCCGAGGCCTCCTTGTCAACACGAACCCCGCTTCGCCGCGT
GGGCAGACCGAACAATCATGCTTAGGGATGGTGAAATCCA

>naRXA00093

GTGACCACACTTCTAGCAGCAACCCGCCACCCTGCGCGATGCCTTTAAACACCCATGG
CGATCGCTGGCAGCCATCTTGTGGTGGCCGTACCGATGTTCTTGGTGAGTTTCTTTCTT

ACCTATGATCAATCAATCAACAATGCAGCTAGCTATCCTGGTTCACAGGTACAAGCTCAC
TATGACGGAGAAGGAGCCTACCAACTCCTCCAAGAAAACCTTCCAGAAGACTTCCACCTG
GAACTCTTTGCCAATGGTTATCCAGAAGTCTCCTTCGGTGATGAAGAAGTCAATTTCTTT
GTTGTGCAATCAACAAACGTACAACAAGCCTCATTTCCCGCCGATGCACTCGATGTTTTA
GGTGGCACAAATCGGTGATACCGTGACCATTACGGGCACCCCGGTGGAAGTTCAGTCGATT
TCTCCACAAATATCTTATTGCCCCAAGGTACTCTGTTTTCTCTTGAGAATTTCTCCGAA
TCAGAACTTTTCCGGCACCTGGTACTTCCCGGATCGAATTTACCGAAGAAAACCGA
CAAGCACTAGAAGCAGTTGGCTTTGAAGTTAATGAATATCGGCGCGGCCCATATCCGTC
GACCCAAATTTGATCCCAAGCTACATCATGGGATTTTTATCGACGACAATTTCTCGCCGTC
GTTGCACTCATGCTGATCTCACCAGTATTTACAATTTCCGCCTCAAGGCAAACCAGAACT
TTCGCACTGCTCGCCTCACAGGTGCCACACCTAGACACATTCGGTGGGCAGTGCTTACA
TATGGGCTCTTCGAGGTCTTGTGGGGCATCCATTGGTTTAGTTCTGGGGCAAATAGGC
ATCTACGGCTGGTGGAAATACACCTATCCTGAATTTCCCTCACCACCCCTGGCTAGTT
CTTGTAGTTTTTTGGGCGCTGGCAATCATCGCTTCAACGATTGCTGCATTTTACCGGCA
GTTTTTGTGAGTAGATCAAGCATCATCAACGGAATCTACGGAGGAATCTCCGACAAAATC
ATCCGGTGGAGCCCTCGAATGCTCATCGGGCCAATCGTCTTAATTGCAGCTGCGGTAATC
GCCTTGTTTTATCGGTGACGGAGAGTGGGGAGGCGTCGTCAAGCAATTATGCTTCTGGCA
GCCGTGATCGCCCTGCGGCTCAGTGCCCTGCGGTGTTGTGGGCGCTTGGGCGCCTGCCT
GGTTTGACATTCAAAGTAGCTACGCGCGATATGCTGCGCGCATCAATGCACTCCATTCT
GCGATTGGTGCGCTGGCGGCAGTGATTATGCTTGGTACATTTATGCAACAACCTGGACTT
GCAACCCAAGCCAGCGATAGAGAAGCTACCGCCTCGGTGTATCCTGAGGCCGTATTCTTA
CGCGGTGACACACAAATCCCTGGACTCATGGGGCAAAAAATCGATGTATACGGTGATAAC
CATGGCTTTGTATCTATGAAGTAGATGTAGATTTTTACTCGGCCAACTATGTGCCCGCA
CTGACCTCATTTTTTTGGCGGACAGTTATTGCCACGCCCAAGATTTTAGACATGTTCCGT
GTCCACGAACAAGCCGACATCTACGCGCCATCAACCTATAATTCCGGGTGCAAGAATAC
GCAATATACCCCGCGATGAAACCTACATGCTAGACACCGCTGCTGTTTTACCGCGCTG
TACTCACATGTTTTATTAAAGCCAGAAAACTTTTGAAGAAATCGGAGGACAAACAGAATTC
TTGGGAACAATCGTGCTTCCCCAAGAAGTAGATGACCAAACTGTACAAGCAATCAATCGG
TCAAGAGATGCGCATTTAGCCACGACGGCCATAATTCTTCACTTGCTTCCAGTGCTGCA
CTAACTGCGGTGGCAATTGTGGTCGTTTCCCTTGTGATCGTGCTGGCTAATCGAAACTC
CAACAGCAGCATTGATTGCCATCGGAGCAACACCTGGAACAATCTACAAAGTCAATGCC
TTAAATGCAGCGTTGCTTGCCCTTGTGCGAGGCATCATGGGCCTTGTCTCCGGATGGATT
GCAGCGCTGCTGACAGGCACCACTGATGAAATTTGTTGATGGAGCAATTTTGAAGTACGGC
ACGCTTGAACACATGATGCTGCCGTGGCCTCTGTTGGTAAGCCTCCTCGTTGTGGCGCG
CTGGTGTGCGCGTGATTGGGGCTATAGCTTCTCCATCGGGACGCCACCAAGAAGCATCA
ATC

>naRXA00093-downstream
TAACCTTGCCGGAGGAACCGAAA

>naRXA00096-upstream
GGGGAACCTGGGGTAAAAGGAGAAGTATTCATTACCCCAATAACCTACTAGGTGGGGTGG
ACACGCATAGTCGACAGCCAGACGTGGCAGAATAGTGTC

>naRXA00096
ATGACTAATGCAGGTGACAACTTCGAGATCAGGATGCCTTCTGGCACGGATGACCCATTG
TCCGATGCGGAGATCCAAAAGTATCGCGAGGAGATCAACCGCTTGGACCGCGAAATCCTC
GATGCGGTGAAACGCCGCACGAAGATTTCCCAAAACCATCGGAAAAACACGCATGAGCTCG
GGCGGAACACGTCTCGTGACACCCGAGAAGTAGCAATCATCAACCAGTTCCGTGAAGAG
ATCGGCGAGGAAGGCCCTGCCCTCGCTGGAATTTTGCTGCGCATGGGACGCGGAAACTC
GGA

>naRXA00096-downstream
TAAGTTATCCACAGGTAGAAAAA

>naRXA00097-upstream
TTGATGGGCAGAGTTATCCACAGGTTTTTAGCGAGCTGGTTTTCCGACGAAGAAAATAGTG
GATAGGTTACAGGGCAGAATCCCGAATGGAGGTGCCTTCC

>naRXA00097

TTGTTTACCAACTTCTTCGCAGTCAACAACCCAGACAGTCCGCCCCGACGACAAAAAAC
AAACTCAGAGAACTGGAACACCGCTTCTGGCAAGAACACCTGCCAGGCGACGACGATGAC
CATTCCACCGCAATCTCCAGCCTCGCCATCGTCACAGGTCTAACAAAAGCGCAGGTCTCC
CGCATATCCATCGCGTTTGCCACGCTCGCCGACTTGCCCGAACTCAAAGCCCTGCAACAA
AAGCTGTACCACTCGACCTCTCCCGACTGATCACCATTAGCAACGAACTCGCCGGGATG
AACCCCGACAACCTCGCCGGCGCCGACGCAATCCTCACCGAATACCTCACCGCCACCAGC
CCCAACCAGATTCTGCCAAGCCCGGCGTCCATAGGACGCAAGATAAAAGAAATAAGAGAT
TTGCTTGACGACGCAAGAGCCACCGGTTTCGCGCGGTACCCAAGACGACAGCTCTTTCGGA
GTGACCTTCTCCCCAGACGGAACCGCCGAAATCGGAGCCTCCGTCGATGCTGTGGACGGG
CACATCATCAACGACGCCGTACCCAACACGCGAAGAAAAACGACCTCACCTACGGCGAA
GCTTTCAGCGACATCCTTCGGAACAATATCCAAGTCAAGGTAGTCCTCAACTGTACACC
GCCAAGACCTCGCCAACGCCCCAGTGTGGGCCAGCGGAATCGGCTGGTTGGATGCCAAG
ACTGGAACATTCTGGTCAGAGAAAGCCAACAAGAACAAAGACATGGATGCGGCTGCCAAA
ATCAGCACCGACAAACACGATCCTCCACCAGCGTTGCGTGACGCACTCATTGGTCGTGAT
GGCACCTGCCGATTCCCTGGCTGTTTCAGTCCCAGCGCTCAAAACCCAAGCCGACCACCGC
ATCCCTACGAAGAAGGCGGAGAACTTGCTAGGCGGAATCGGCTGCCTCTGTCAACAC
CACCACAACATGAAAACCGACGCGCGAGTCACTACCTTCTCGATCCCTTCTCCGGCATC
ATCGTCTGGCTCATGGGAGACGGAACATGGGCAGTGTGAGAACCACGGGCGGCTCAAT
CCCAAAAATGCGAGATGGGCGCAAACAGTCGCCCCAACCGGGCACGCCACCACAAGCGT
TGGGTTAAGGAGGACGCCAAG

>naRXA00097-downstream
TAGCCGGATGGCCACGTCGAAAA

>naRXA00101-upstream

TAAACCGTGACGAGATGCCGAACCCCAATCGTGAAAGCCGAGTTGGGGGAGCGAATAAT
CTGGTGGTGTCCGCGCTGCCAACCGCTAAACTCGTGAAGC

>naRXA00101

ATGAGACTAATACTCAACCTGATTTGGTTATTCTTCGGTGGCATTGGGCTCGCGTTGGGA
TACGTATTCTTCGGAATCATCGCATGTATCTTCATCGTGACGATTCCCGCCGGTATCGCA
AGCTTCCGCATGGCTAACTACGCGCTGTGGCCGTTTGGTAGGACGGTTGTCGTAATCCT
AAAGCCGGAGGGTTTTCTGCCCTGAGCAACGGAAGTGTGGTTTATCATTGCTGGACTGTGG
CTGGCGATCGGGCAACCTCACCACCGCGGCTGCCAGGCGATCACCATCATCGGAATTCCA
CTGGCGATCGCAAACATCCGAATGATCCCCGTGACGTGTTTCCCGTTTCGGCAAAGAAATC
TATGACAGCAACCGCATTCCCTTCGGCTACGAACCGATGGTTAAGTTT

>naRXA00101-downstream
TAATTCGGCGACGGACTAAACCA

>naRXA00108-upstream

GAATTGGGTTTTGAGCATCGTGGCGGTGCTTGTGTTGCAAGTGCCATCGTCATGATGAT
TGCAAGAATCGTAACCAGAAATAAGAGGGTTTATTACC

>naRXA00108

ATGAAGAAGTTTTTGTGCGAGGTGCTGTACTGAGCAGTGCGTTGGTTATGGCGGCGTGT
TCGCCTGCTAATCAAAGTGATTCCACCTCCACGAGCGTGGAGACTACTTCTCCAGCAGC
ACGCAGGTAAGCGATGCTGTGATCACCACGGAAAACGCTGTTGTTTCGTGCGTCTGTGGAG
GACAGCGACATGACGGCAGTGTTCGCTACGTTGGTGAACAATTCTGATGATGAGATCAAC
GTTTCTGGCTTTACTGCTGATGTTGATGCTGCCAGCTTTGAGGTCCATGAGGTTGTTGAT
GGCGTCATCGAGAAAAGCCAGGTGGTTTTGTGATCCCTGCAGGGGAGAGCATCGAGCTG
GCACCAGGTGGCGATCATTTGATGATCATGGGGCTTGCGAACCCAATCGAGGCTGGCGAT
GAAGTGACGGTCACTCTGAATTGGCTGATGGTTCTGAAGTTAAGCTTGATCCGATCCCG
GCGCGCACCATGCTGCTGGTGATGAGGATTATGGCGATCTGGGAAGTGAAGGCCACGAG
GGC

>naRXA00110-upstream

ATATCGAATGTCCAGTCACGCTAAACTTCACCCAAGATGAGATTTCTGTGGCAGGATTGGG
AATAACGAACGCTAATTTTAAACACTGGAGGAGCTTCCAC

>naRXA00110

GTGAGCAACAAAGACGGCCTTTTTACTGACGGTAACAGCACGTTTGACCTAAGGTGGAT
TCAATTCCTTCAGCGATGTGGATACCAGCGTTAGCGGTGAAGCCTCGATCGGGAACGCTG
ATCTCCAACGCAACCTCCCAAATGTCCAGCCTTTTCCGCGCAGAAGTTGAGCTGGCGAAG
ACTGAACCTCGCAGGCGAAGCCAAGAAAGCTGCCATCGGCGGCGGCGCATTACGCGTTGCT
GGCGTAATCGCACTGTACAGCTCCTTCTTTCTTTCTTCTCGTCGCAGCACTGCTGAGC
GAGTGGATTAAGCCTTGGGCAGCATTCCTCATCGTGTTCTCTCATGCTGGTCATCGCC
GCAGCTCTCGCACTGTTCTGGCTGGCGCAAGGTGAAGAAGATGGGCGCTCCGAAGAACACC
ATCCAATCGGTCAACCAACTGAAGAACCCTGGTCCCAGGTCAGGCATCCGAGAAGCTGGAG
AAGGCCAACAAAGCGTGGCCTCTACACCTCCGCGTCTTCCACAGCCCCGGCGCCATCACT
GGCGACCAC

>naRXA00110-downstream
TAAAAAAGGAGACTTCGATGGCC

>naRXA00114-upstream

TGCATTCCCTAACGGGAATGCAGCTTTTTGTGTTCTTAGTGCAAATCGAAATCTCATGTG
ATTTACTTAAACCTAATTAAATCTACTATCGGAGATCTC

>naRXA00114

ATGAAACTTCTCAAGTTTGCTGCAGCAGGAACCTTCGCACTAGCCCTGGCTGGCTGCACA
CAGACTGAGTCTCTCGTAGCAACAATCGAATCTGCAACCTCTGCAGCACAGGCATCCGGA
AACGACGTAGAAGGAGACCAAACCTCCGCGTTCGAACTCTCCGTTGGCGAATGCTTCAAC
GACACCTACGAAGAAGAAATCTCCGAAGTACCCATCGTCGACTGCGCAGAACCTCACGAC
AACGAGATCTACTACCTCTACGACATCGAAGGCGACGACTTCCCAACCGACATCACCACC
ACAGGCTACGAAGGCTGCCTCCCAACATTTGAAGGCTTCGTAGGAGCTCCTTACGAAACC
TCCATCTACGAGGTCTACCCAATGACCCCAACCTTTGGCTCCTGGACAAACGGCGACCGC
GAGGTAGTGTGCTCCGTGTACTTGGCCACCGGTGAGCAGATGACCGGAACCGCAGCAGGA
ACCGCGCAG

>naRXA00114-downstream
TAGATTTTGGATAGGGAATTTTG

>naRXA00117-upstream

GTTGATCCACAGTATACCCCCACCCCTATCTTGAATACCCCCCAGGGTATATGGCACAC
TTGGAATCGCCATCACTTTGAGATTGAAAAGGACAAGGT

>naRXA00117

ATGACTTCCGCTCAACCGATTACTTCCGTAGATGCACAGACTCTAAATCGTGGATCGAT
AAGCATGAAGGACTCACCGTCATTGACGTCCGCACTGCACATGAGTTTTCAAATTTGCAC
ATTAAGGCTCTTACAACGTGCCTCTAACTACACTTGCTGAGCATTCCGAAGAGATTTCC
TCTCGTGTGGAGAACATGTTGTTTTGGTGTGTCAATCCGGCATTGAGCAGGTCAGGCA
CAACAAAAGCTGGCACCTTTGGGAATTTCCACCGTGGCTGTTTTGGAGGGTGGCATCAAT
AGTTTTGTCTAAGGCTGACGGTGATGTGGTCCGCGGAACCCAGGTGTGGGATATCGAACGT
CAGGTGCGTTTTGCCGCTGGATCATTGGTGCTCGCAGGGCTTGCAGGAGGTAAATTCCTT
TCACCAAAAGTTCGCACCTGTGCGGAATTATTTGGTGCGGGTCTGACATTTCTGGCGTT
TCCAACACCTGTGCCATGGGCAAAGCTCTGTCCGCTTGCCGTGGAATAAACTAAGCCA
GTTCTTACCAGAAACCGAGACATTGAGCAAGCTTCCAAGCCCTAAGGAGAAC

>naRXA00117-downstream
TAAATGTCTATCACCATTACTGA

>naRXA00118-upstream

ATGGGCGATTCCAAGTGTGCCATATACCCTGGGGGTATTCAAGATAGGGGTGGGGGTAT
ACTGTGGGATCAACGTTCCAGGGCAACAAAAGGAGAAAAA

>naRXA00118

ATGCAACTCAATCCTGATGAGATCACCCAGTGCTCAACCGACTCAAGCGCGCCCAAGGT
CAACTACCGGAGTAATCCGAATGCTTGATGAAGGCGAAGACTGTAAAGCCGTAGTCACC
CAACTTGCCGAGTCACAAAAGCGCTGGACAGGGCAGGCTTCGCCATCATTGCCACAGGT
TTGGAAGAGTGCCACCAACCCTGATGGCGACATGGACAAAAGGAAC TAGAAAACTG
TTCTGTGCTGGCT

>naRXA00118-downstream

TAACTATGGCCTAGTTCAGGGCG

>naRXA00119-upstream

ACTAATGAGAACTGTTTTTCAATTGGTGCAGGATTTCCACAAGGAAGCTAGGGGAGAGGG
GCTTCCAATCAAGTGGGGTCCATCGCGTGGAGAATTTGGC

>naRXA00119

ATGCTGGAGTTTCTGCAGATGTCATTCCCGAGAACATCAAACACATTGCGCAGACAAAG
TTCCAGACTGAAGCAACTTCGGTGGAGGATATTCGTCGTGCGATTAACCTGCTGAGTGAT
CAGGCGGAGCGTGCGGGTGCGTCCTTTAATCCTGGTTTCAATTCTTGCGCAGGTGGGCTCC
ACCATCGTGGAGGTTTATGGCGGTGCTCCGGTTGCTTGGCTGGATGCGGTTGAGCTGTTG
ATTAGTCTGATGTGGAGTGGGTTGGGGTTCATGGCTCAAGGAAGCTCGATATTAATGTC
AGCGGAGAATTGTCCGGGGTGATTTCTGCTGGTGACAAGTTGGGTGAAGTCTGGCGAT
GATTGGACAATCAACATTGTTTACGGCGAGTACAAAATCCAGATCGAAGATGCTCGACCA
AGTACTGCATTCTTGCAGGACGCGACTGAAGTGAATTAATCAGGCAAACCTCTGAGATTGTT
CCGTTCCATGTTCCGATGCTCAGCAACTCGAAAATTTGTGATGTCTGGCTTTAGTGATTAT
TCACTAGCGGGTGATGCGATTACATCTGCGGGAAAAGTGGCTGAATTGGCGAGGCCTTTT
GCCCCTGGAAGAAAACGTCATTCTACGATAGAAATAGCCATGGACTATGAACCATCA
CCGGTGGCAGATCTTTGGCAGGGAGATTCTTCGGAGACACCTGAGCCTTTTCGACGATTTT
GAGCGCTTATTGCGGGAAGAAATGCTTATTCCTGAGATT

>naRXA00119-downstream

TAGCTGGTCATAGACCTGCTGTT

>naRXA00120-upstream

AATCAAATACTTGATTACAGAGCAAGATGTACCTGCACTCCGCGAGCAGTTGGCAACGAG
GATGAGCACGGATCCGCTTTCCCCACCGGAGGCTACCGA

>naRXA00120

GTGGAATCCCTTTACTTCGATTTCAGCCGATTTACGGTGCTACACCGAAAAGATCGAGGGT
CTGAAATTCCGAAGGAACTACGGATCCGTACCTACGGTGATGGAGTGCTCACTCCAGAA
TCCACCGTGTCGGTAGAGATCAAGCAGCGGGTTAACAAAGTAAC TCAAAGCGTCGGCTG
GATTTGCCCTTTATATATGCGCTCGCCCTGGGCGATAGCACGGGCGCCGCGGTAGGCGAG
CAGGTGGACGTCGAGAAGCTTCTTGAATCTCTCCGAAAACAGCACGCTTTGATTCAC
GAAATGGCGTCGTTTGCTAAAAATTATCGGCTGCGACCCATCGCCACCACGAAGTATCAC
CGGAGGCATTCGTGCGCGCTGATGCGGAGGAAAGTTGCGGAGTCACCATTGACCACGGT
GTTTCAGGCCGTGATCGTGATTTTCTGCTTGGCCAAGACCTTGAAGACCGCCCAACGGTG
GCGCAAGGATTGGCAGTCGTGGAAATCAAATGCGATGAACGCGTGCCGTTTTGGCTCACT
GATATGACTGCTCAACTGGAAATGTCCGTGATTCGGATGTCCAAATACTGCGAAACCATC
GAAGCGTTTACAACCGTCCGGCATCAGCTTTTCGGCGCTGTCGACCCCATCTTC

>naRXA00120-downstream

TAAACAAGAAAGGCCCTCCAAT

>naRXA00121-upstream

GATGTCCAAATACTGCGAAACCATCGAAGCGTTTCAACCGTCCGGCATCAGCTTTCGG
CGCTGTCGACCCCATCTTCTAAACAAGAAAGGCCCTCCA

>naRXA00121

ATGTTGAGCGATCTGAGCTCCATTTTTGACTTCCAAGACCTCTCCGGCACCTTCTCTGTC

GTCGACGTTCTCATCACTTTGGTCTTGTCTTCTGTCCTGACCTCCATCGTGGGTGTGGTG
TACCAAAAGACCCACCGCCACATCTCCTACAGCCAGTCATTTCGTACAAACGTTGGTGCTG
GTGGGAATGGTCATTGCAATCATCATGCTGGTGGTGGCTCCAACATTGCACGTGCATTC
GCCCTGGTTGGCGCGCTTTTCGGTGATTTCGATTCCGCAACGCAGTGAAAGAAACCCGAGAT
GTGGGCTTCTCTTTCCTTGCCATGGCAATCGGCATGACTTGCGGTACCCGCTTCTACGTT
CTGGCGATCGGTGCAACCATCGTTGTCTGTGGCGTTCTGTTTCATCATGTACCGCTTCGAC
TGGTTCAAGGCTGATATCCAGCGCCAGGTCATCAAGGTGCAGGTCCCAGCCGATGGACAA
GCTGATTCCGGCAGGTCTACGCAGAAGAAGTTGAACTGATCCTCGCACAGTACTGCACT
TCCTTTGAGATGATGTCCGCTGAATCTGTCCGCGGCGGAGCCCTGACCGAGTTCTCCTAC
ACCGCTCAAAATGGCGCAAGAACGTGAAGCCACATGAGCTGGTCGCCAAGATGCGCGATGTG
AACTACGGCCAAAAAGCGACTGTCTGACCGGTCACGATCAAACGGATGTA

>naRXA00121-downstream
TAGAAAATGCCTAGCTTTAAATC

>naRXA00122-upstream
GATGCGCGATGTGAACTACGGCCAAAAAGCGACTGTCTGACCGGTCACGATCAAACGGA
TGTATAGAAAATGCCTAGCTTTAAATCTGCTCGATGGAGG

>naRXA00122
ATGAACAGACGCTCTTCTTAGGAACTTCCGCAGCTATCATCGCTGTCGGTGGCGTGCTC
GGTGGAGTGCAGGTTGTACCTTATATTTCTCTGGTGAAATCCAAACGTGAGCATCATCG
ACTGCCACGATCGATGTGCGGTGCAGGCAATGTCGATATTTTTGATACCTCCGTTTCCCAT
GAAATCAGCCTGCAGGTTTCGCGAGGAAAGCCTCGATGAGATGCTCGCGGACTATCAAGAA
GACGGTTCCAAAACCTGGGTGAAAGCAACCATCACGATTGATGGCGTGACCATTGAAAAC
GTCGGCATCCGCTCAAGGGCAACTCCACGCTGTCCGGGTTGGGTGCAACATCTGAAGAA
GGCGGACCTCAGGCACAGAGGCGTCAAGAGTTTACAGATCTCAGTGAAGAGGAAATC
GCCCAGTTTGAGGAACAGTTTCGCGGCGCAGCAAGAGACTACTGACGCTTCAGAGACCGGT
GAAACTGCGGAAAATGAAGAGACTCGCGGCCCCGGCGGTGGCATGGGTGGTGGCGGCATG
GGTGGCATGACTTCGGTCGATGCCGACGATGTCAGCACCTGGCCACTTCTGATCAGCTTC
GACAAATACGAAGACGGCCGCGTCTACCAAGGCATGACCCAACCTGGCACTACGCCCCGGC
ACCACCGTGGTCAACGAAGCAATGGCGCTGGCCCTGACCGCAGAAACCGGCCAGGTCTCG
CAGCAATCCAGCTTCACAACGTTTTCGCTTAACGACGAGCCCTCCACCACTCGACTCCTT
TTGAAGCACCCGATGAAAATTATGCCGACGCGCTCGGCAACGGAGTCTCTTCAAAGCA
GATTCCAACAGTTCCTTCACCTACCAAGGCGAAGACCAAACTGAATACGACGGACAGTTC
AAGCAGATCAACCGTGACGGCAACGGAGACATCCAACCGATCATCAACCTGCTGAAATGG
CTCGACACCGCAAGCGATGAAGAGTTTGTGAACACCTCTCTGACTACGTGATGTGGAA
AGCTTTGCTCGCTACGTTGCCACTCAAACCTGTTGGTAAATTCCGACGACATGGCTGGT
CCCGGTAGTAATTACTACCTGTGGTACGACTACGACACCGGCCTGATCAGCGTGATCTCT
TGGGATTTGAACCTCGCAATGTCCGGCTCAACTGATGCTGGCCCAGATGATGAAATCTCC
ATGGGCGGAGGTGGCGGTGGCGGAATGCGTCTCGGTGGAACGACCGACACTGAAATTGAA
GGTACTGCGACCGAGGATATGCCTGACATGGGCAATATGCAGCAACGTGAACGCCCTGAA
GGAATGCCAGACATGGGTGAGATGCCTGATATGGGTGACCGGGAAGGCGGTGGATCGATG
GGAGGAAACAGCTCAAGGAACGTTTCTCGCTTCCGATGCATTACGGAAATCTATGAG
CAGGTGTACTGGGAGCTGTATGAAGAAATGTATGGTTCCGGAACCTGCCATCGAGTTGTTG
GATGAGATTGCAGCGTCAATTCCAGAACTGATGCGGTGACTGCAGATGAGATCGCTACG
GAAGTGGCGTCAATGCGGGAATGGATCACTGCCCCGACAGAAGCGTTGGCTGCTTTGCAA
GAG

>naRXA00122-downstream
TGATCAAACCTAGAAAACCAACAA

>naRXA00127-upstream
TTGTGGGGCGCCGGGGCGTTCGTTATGCACTGACTGCCAGCGTGTGTGGAGGAAGCCGCC
AACATTGGCGCGGCTTGATTTAGATTTACCGGTGTGGACG

>naRXA00127
TTGTGCGCGTATGACGGCCCGCATCGCAACGTGCTCATTGCGCTGAAGGAGCACGGCCGT
GCAGACCTTGTGGCGTTTGTGGGCGCGGTGGTGGGGCGTTCGATAAGCTATCTGGCGGCT

CAGGGGGAAATTGAGCACGACATCACGCTGGTTCCGGGCGCCACCCGCGCCACCTCGCGA
CGCCGGCGGGGCGGCGATCCGGTTGAGCGGGTGTGCAATGCATCACGCTTATCGACGTTT
CCCTGCCTTCAAATCTCATCCCGCACACCAGACTCCGTCGGTCAAACGCGCAACAGCGA
AGACTCAATATGCGAGTGGAGTTAGTCCGACAACCTCGGGGTTCTGTCTTGATCATCGAC
GATGTGGTAACAACGGGGGCAACTATTTCCGCATCTGCAAACGTTCTTCGCGCAGCGGGT
GTGCAGGTCAGAGGAGCTTTAACTTATTGCCAAGCG

>naRXA00127-downstream
TGATCTTGATATAAAAGGGGCC

>naRXA00128-upstream
CCATTTTCCGTTTGGTCTTGCCTAAAGAACCGCATGGAAATTATCGTGAAGCACCGATCC
CGTTGATCGCTCCAGAGACACCGTGGGAAGGGGAGCAGCA

>naRXA00128
GTGAGTAAATTTTCGACGAACTGAAGGCCCTCACCGCGGTGCTGTCTGTGACCACTCTG
GTGGCTGGGTGTTCCACGCTTCCGCAGAACACGGATCCGCAAGTGCTGCGCTCATTTTCC
GGGTCCCAAAGCACACAAGAGATAGCAGGGCCGACCCCGAATCAAGATCCGGATTTGTTG
ATCCGCGGCTTCTTCAGCGCAGGTGCGTATCCGACTCAGCAGTATGAAGCGCGAAGGCG
TATCTGACGGAAGGGACGCGCAGCACGTGGAATCCGGCTGCGTCGACTCGTATTTTGGAT
CGCATTGATCTGAACACTCTGCCAGGTTGACGAATGCGGAACGAACGATTGCGATCCGT
GGAACGCAGGTGGAACGTTGCTCAGCGGTGGCGTGTATCAGCCGGAGAATGCGGAGTTT
GAAGCTGAGATCACGATGCGTCGGAAGATGGGGAGTGGCGTATCGATGCTTTGCCGGAC
GGGATTTTATTAGAGAGAAACGATCTGCGGAACCATACACTCCGCACGATGTGTATTTT
TTTGATCCTTCTGGCCAGGTGTTGGTGGGGGATCGGCGTTGGTTGTTCAATGAGTCGCAG
TCGATGTCCACGGTGCTGATGGCCCTTCTGGTTAATGGTCCTTCGCCGGCAATTTCTCCT
GGTGTGGTCAATCAGCTGTCCACGGATGCGTCGTTGCGTGGGGTTCAATGATGGGGAGTAT
CAGTTCACTGGTTTGGGAAATTTGGATGATGATGCGCGTTTGCCTTCGCCGCCAGGCC
GTGTGGACGTTGGCGCATGCTGATGTGCGAGGCCCTACACTTTGGTCGCTGACGGCGCG
CCGTTGCTGTGCGAGTTCCCAACGCTCACCACCGATGACCTCGCCGAATACAACCCAGAG
GCTTACACCAACACGGTGTCCACGTTGTTTGCCTGTCAGGATGGATCGTTGTCGAGGGTC
AGTTCCGGCAATGTGAGTCCACTACAGGGCATTGAGCGGTGGAGATATCGATTCTGCA
GCGATTTCTCCTCCGCCAATGTGGTGGCAGCGGTACGCCACGAAACAACGAGGCAGTG
CTTACTGTTGGCTCCATGGAAGGCGTGACTTCAGATGCGTTGAGGAGTGAACGATCACT
CGTCCCACCTTTGAATACGCGTCGAGTGGGTTGTGGGCTGTGGTGGATGGGGAGACGCCT
GTCCGAGTCGCACGATCGGCAACAACCGGTGAGCTCGTCCAGACGGAGGCGGAGATTGTG
CTGCCAAGGGATGTGACGGGTCCGATCTCTGAATTCCAACGTGTCACGAACGAGGGTCCGG
GCCGCCATGATCATTGAAGGCAAGGTGTACGTGGGCGTCGTAACGCGTCCTGGTCCGGGC
GAGCGGCGCGTGACAAATATCACGGAGGTGGCGCCGAGCTTGGGCGAGGCGCGCTGTGCG
ATCAACTGGCGCCAGACGGCATTGCTTGTGGGCACGTCAATTCCAGAGACGCCGCTG
TGGCGCGTCGAGCAGGACGGATCGGCGATTTCGTCGATGCCGAGCGGGAATCTCAGCGCG
CCGGTGGTGGCGGTGGCAAGTTCCGCGACGACGGTCTACGTCACTGATTCGATGCGATG
CTTCAGCTGCCGACTGCCGATAATGATATTTGGCGCGAGGTGCCCCGTTTGTGGGCACG
CGTGCGGCGCCGGTGGTTGCGTAC

>naRXA00128-downstream
TGATGGAGCTGTTCTTCCCGCGC

>naRXA00134-upstream
GCAGCTGTGCTCCACCAGTGACTAAAACTTGTCTTTCACGTGCCCCACCTTATCCGTGT
TCCCCACCCCTGTGCGTAACGACAGCTAGAATCTCAAGTT

>naRXA00134
ATGGCCGTTCAATTAACCAAGATCTATACGCGAACCGGGGACGATGGAACCACGGGGCTC
TCAAATTTTGGAGCGAGTTCCCAAGGACGATCCCCGCCTTATTGCATACGCCGACTCCGAT
GAAGCAAACGTGTCGATTGGCCAAGTGCTTGCACTCAGCAGCCCTACGGAAGATATGGCA
ACCTTATTGCGGACTATTCAAAATGAACTTTTTGTGTTGGGCGCAGACTTAGCAACCCCG
ATTGAGGAGAAATCCGAAGTATCCCCCACTTCGAGTTCTTCGGAATATATCGAACGACTT
GAGAAGGAGTGCATAAATGGAACGAGGATGTGCCGGCGTTGGATTCTTCATTTGCCG

GGTGGCACGCCAGCAGCGGCACTCTTGACACCCGCAAGGGTAATTACGAGGCGCGCGGAG
AGAGCAGCTTGGATAGCGGTGCGGGAATTTCCGAGCACCACCTCTACCTTGCCAGCCCAA
TACCTGAATCGTCTTAGCGATCTGCTGTTTATTCTTTCCCGTGTGCCAACAAATGGCAAT
GATGTGAAGTGGGTTCGGGGCGGAAAAAGA

>naRXA00134-downstream
TGAAAACCACCCTGCGACCGTGA

>naRXA00140-upstream
CTCAACGATATTCAGCTTTCCGCAATGCTGAAAAACGCCATCGATCACGTCCTCGCGATT
CAAGATGCCGTAGCCAATGCAGGCAAGGAAATCGGCTAAC

>naRXA00140
ATGTCGGACGAGTCCATCGAAGAGCAGGAAAAAGAACTCGCGGCGCTGAAGGCTCAAATC
GATGAACTGGAAAAGAAAGACAAGCAGAACAGCTAATCATCGAGATTTGTCCAAGGCC
GTCGAAAAGAAATGTGGCAGAGGCAGAAGCGAAAAGAGCCCGCAAATATCCGCCCAATCCC
CTGTGG

>naRXA00140-downstream
TGAATTCTAAGGCGTCGAACTTT

>naRXA00141-upstream
GTCGGCTCCTACGTTATGAGCTCCATCGAATCCGCTGTTTCACTGCTTCGAATGGCTTGAG
CAGCAATTTCCAGATCTAGTCACCTGGAAGGACGAACACC

>naRXA00141
ATGACCACTGATTCCAATTCTGCGACAATCCCAACCCCAAAGCCGATTCCAGTGACCATC
GACCGAATCTCCCTCATCATGAAAGAATTTCGGCATTGACCTATCCATCGCCGATGAACAA
GGCACCGGATCCCAAGTAGCCAGCGCCAACCTCAACGGCCATCACGTCATGTTGCTGTC
ATCGGTTTCACTCTGATCGTTTCGTGCCGATCGCGCCACCGAAATGCCAGTCTCCGACGGC
AACCCCGCATGGCATCTCGCCTGCAACCAAGTCAACTGTTTCAACTTCGCTGCCAAGGCT
GTCGTAGTTGATCGCACCGACAACATCGTGATCCGCGCCGAGAAGGATGTCCCATCGCC
GCTGGGCTCAACGATATTCAGCTTTCCGCAATGCTGAAAAACGCCATCGATCACGTCCTC
CGGATTCAAGATGCCGTAGCCAATGCAGGCAAGGAAATCGGC

>naRXA00141-downstream
TAACATGTCGGACGAGTCCATCG

>naRXA00142-upstream
ATCCTCAATTTCCGCCGTAAGCGCAACGACTAAAACCACCATCTGTAGTGTGGTGAAAA
GTTACTTTTAAAAGGATTTTGGAAGGACTGAACTCCCCA

>naRXA00142
GTGCCTCAATCACCCACAGCACACGACCCCAACGACATCCAGGAATTTAACCTCGATGCC
GTTGCAGGGATTCTCCAGGACGAAAACTGGACTACCGCATCGATGAACACGACGGCGAA
AAAGTAATCCGCACCGGATTTCATCAACGCCGCCATCAGCTTCATCCTCTTAGACGGCAGC
TTAACCATGGAAGCCATGTGGCGAGGAGCCCCCTCCACCGATGCTGCCGCACAAGTTCTC
GCGGCCACCAACGAATGGAACCTCACCCAGTTCGCACCCACCATTCGATTCTTCGAACTC
AACGAAGGCACCTCGCCATCAATGCACTGCGACACGTCGTTGTTTCCGCAGGCATGAGC
CACAACCAAGTCGGCTCCTACGTTATGAGCTCCATCGAATCCGCTGTTTCACTGCTTCGAA
TGGCTTGAGCAGCAATTTCCAGATCTAGTCACCTGGAAGGACGAACACCATGACCAC

>naRXA00142-downstream
TGATTCCAATTCTGCGACAATCC

>naRXA00150-upstream

AGCTGAGCAGGGATCGGCACTAGCTTCTACTACGATAACGAGAACTTTGTTTCAATACAT
TCAAAATGGCGGAATATTTTGATCACGGGGGTGCAACTGT

>naRXA00150

ATGGTGTTTTCTATGCATGACAAAGGTGAGACCCAGGAGAATCCTGCGGACATGTCAGGA
CGCCTAAACACACCAATTTCCACGGTCTTTCACCTCTTTAGCTCACTTTTCCATGACGGT
CTGCGCAGTGTTGCCAGTGGAGTGCCTGGAAGAAAATCGCTGTATCGGTTGTCATCGTC
GCAATTATTTCCGTAACCTTTCTTGTCTGATGTCCCCCGATTTCGGTTTATCGTGACTGG
GCAAACAACGCCGCGACGCTTTTGTCTTAGTTTTTTTCGCGCTTTTATATCCTCATTACT
CAGTTCCCTATCCCCGCACAGTTCTCACACTGGCCTCCGGCGTGCTGTTCGGGCCGGTT
CTTGATCAGTCGTGGCGTGGGTTCCACCACAGTGTGAGCGGTAATCTCGCTCCTCATT
GTTCCGGGTCTGCTTGGCGATTGGATGGCGCCACGTTTAACGCACCCCGCAGTCTCACGC
ATCAATACCCGACTTGAGCAACGTGGATGGCTGGCGATTACCTCTTTAAGAATGATCGCC
GCTATCCCCTTTCCATCCTCAACTATGTTGCAGCCTTGACTAGCGTTCCTGTTTTTTCT
TTTGCCATCGCTACCTTGATCGGATCTGCACCAGGAACCATCGTCACCGTCGTTTTGGGA
GATGCAGTCACAGGTCTGGAACTGGACTGCCGTTGCATTACGGTATTTTAGCGATT
TTGGGTGTTTTAGGTATCTTTTAGATCAAAAGATGCCAGTCAAGCCTGGAAAG

>naRXA00150-downstream
TAGACAATATAAGGTAGGGTTGG

>naRXA00151-upstream

AAGTAGACAATATAAGGTAGGGTTGGAGAAGATTCTTTACTTCTTCACTCATTCGCCCTG
ACAGCGAATCCACTACAATAAAACAAAGGGGCGAGCCACCC

>naRXA00151

ATGTGGGCACTGCATGCCAGATACCGCGGCCGAGACACACGACGAGCCGAATTGGTTAAA
AGATTTGCAGAAGCTTTGTCCACCCTCGAAGGTGCTGGCCAGTTTGAAGTCATTGGTGTC
GAAGACATCCGAGCACACATCACCTACCGTTAACCACATGTGATGTTGTCATGGCGCTA
CTCGCAGCTGGCGATTGGGCAATCGGAATTGGTGTTATCCCCACCGTTGACGGAACAGTC
GATGAATCGGATGAGGCCATCATCGAACAGGTAAAGAAAATTTCTCTGATGCTCTGCGC
CCCACCGCCAAGCGGGAAACGGTCAAAGTTAGGATCGCCGGAACCAAACGGGACAATACT
CAAGCCTTCAACATCTCCGCTGCATTACGTTGATTGGGCAAGTTCTGTCAAAGCGCACC
ATCGAAGGACGCGAAGCCACCGCACTCGTCCGTTCTGGACTGAATCAAAATGAGGCAGCC
CAAGAGCTCGGTATTTCCAAGCAGGCAATGTCGCAGCGATTGCAGGCGGCAGGTTGGCAG
GCGGAATCTGCTGGTTGGCAATTGGCCGTAAACCTCATCGAGCAGGCTGGCAAGCGC

>naRXA00151-downstream
TAGCAGGCGATTTAAGAGCCTGA

>naRXA00153-upstream

CCTCGATTTGAGTAAAGAGGACGTCCTCGCCTGATTTTTCGGGTGTGTTTTGCGTGCGC
AGCCCTGCCCTGGCCCTTCCAAATTATGTAGGGTGGCCTGC

>naRXA00153

GTGGGAGCAATAATTTGGTTTATCGGAGCATTGGTTCTTGCTGGCTTGAATTGGCAGTA
GGTGAGTTACCTTATTGATGCTCGGCGGTGCAGCTTTGGCAACCGCCGGCGTGGCACTC
ATCGGTGTCCCAGTATGGGCTGAATTTGTCACCTTCGCGGTGGCCTCAGTGCTCTACTG
ATGTTTATTAGGCCGGCCATTAGAAAGCGTCTGCTGAAACCAAAGGTTCTGGACTCTTCA
CCACGAGCACTTGTGGCCACCGTGTGAAGTGTCTGAAGATGTGCGAGCGACAGCGGG
CAGGTCCGCTTGATGGTTCAATTTGGTCCGCCCGCAGCATGGATCCACACACACCTTC
GCGGAAGGTGAAATTGTCAGTGTATTGATATCCAAGGCACGACCGCGATTGTATGGAAA
GAAGCC

>naRXA00153-downstream
TAAATTTTAAACAATCAAATAGT

>naRXA00154-upstream

TAGCCAGACGGCAGTATTTTGAAGCGGTGAATAAACGTTTGCTCGAATTCCATAGTGTT
AGGGAAGTGTAGTGCAGTGCTTTGACTAGGGTGGTGAGCT

>naRXA00154

ATGAGTTTTTCAGACCCCTATGCAGGCAATATTTTGGTGGACACTCCCGCAACAAGCAG
CCGGAGTATCCCGATGTGCCCGCAAAACCAGGCCTTGTGGTGGAAAGTTCGTGGAGATGGE
TTCGTGGGCGCTGTGACCGGTTTTGAACGCACCTACGATGGTGATTTTGTGCGTCTCGAG
GACCGCCGCGGACGCGATGCGCTGTACAAGCTGCGCAAGGGTGCCTTCATGATTGATGGG
CAGATCGTTAACCTCACCCGTTTCGTGGAAAAACAAGCACCACGTAAATCTAATTCTGGT
TCCAGGCGTGTAGAAAACGCGCAAGCAAAGGTCGCGGCGCCGTCACGCATCTGGGTAGAA
GGCATCCATGACGCCGCCATCGTGGAGAAAGTGTGGGGACACGACCTTCGCGTTGAGGGC
GTCGTGGTGGAGTACCTGGAAGGTCTAGACAACCTGGAGGAACGTCTCGCGGAATTTTCAG
CCTGGGCCCTGGACGACGATCGGAGTGCTCGCTGATCACCTTGTGAGGGATCTAAAGAA
ACTCGGATGACTAAATCACTACCCGCGGATGTCGCTGTACCGGCCACCCCTACATCGAT
ATTTGGGCTGCTGTGAAACCAGAGCGTTTGGGGCTTAAGGCGTGGCCTGAGGTGCCATAC
GGGGAGGATTGAAAAACCGGCATCTGCAAACGAGTTGGCTGGTCAGACCCCAAAGAAGGC
TGGCACCCTGTGTATAACGCCGTGAATTCCTTCCGCGATTTGGACTACACCCTAATTGGG
GCAGTGGAACGTTTGGTGGATTTTGTGACCAACCTCGATTTGAGTAAAGAGGACGTCCTC
GCC

>naRXA00154-downstream
TGATTTTTCGGGTGTGTTTTTGC

>naRXA00155-upstream

GTTGCGGGAGTGTCACCAAAAATATTGCCTGCATAGGGGTCTGAAAACTCATAGCTCA
CCACCCTAGTCAAAGCACTGCACTACACTTCCTTAACACT

>naRXA00155

ATGGAAATTCGAGCAAACGTTTATTACCGCTTCAAAATACTGCCGTCTGGCTAGGTGCG
TGGCTCTATGAATTAGTGCCACCGAAGATGTCATCGATGCGTTCGTGATCTCGGCGGC
CCGCACACCTTCGGCGACGGCGGGCTGCTCGATATGCTGCGAACTTTAAAAGAATTAACA
AGCACGCTTATCGACGCCCCCTTCCACGGTCCGATTTTAACTCTCGCACTCAGCGGCCCA
GGCCAAGTGCCGGCGTTCGCCGCGAGGTTACGCGCTGCGGTCTTGGCCTCCGCCTCGAAG
GAGGGGGCGTTGGTGCTGGGCGGCGTCGATAAGCAGCATTCTTGGGCGCTTATTCCTACG
CGCGTAAGGATGCCACTGAGTGGAATTTGGTGGAGGTGGAGGGCTTTTGGCGGCGATT
GCGACTGTCTCGCCCGGTGAGGCGGATCAGCTGCTCCGTCAGGCGACAGATCAGGCGGCA
AATATCATTGAGTTAAGTGCGTACGCTTCACTTGCGCCGAAATCTTTGAAGAATCCGCGA
CTAACCGTGGGCATGCTGTGAGATTTTACGACACCCCGGGGCTTCCCTATGCAGTCCCA
GAGAGGTGCGGCAAGCTTTTGGCGCGCGAGATCGCGTGGCTGCCATCGCAGAGACCGTG
CAGGAAACCATCGGCGATCACAGCCTGGATCCACAGTTGATTTTCTGTGGAGCCATATT
CGGACCGCGCGCATGGCTGGGGTGAGTTATGCCCTCGCAGAGTTTGGGAGGGACTATCAC
TCC

>naRXA00155-downstream
TAGTTGGCAGCTGGCGCGCTGA

>naRXA00159-upstream

CTTAGGGGGTAACCCCAACCCCTGTACAAGTTTTCGTGCTACCAAACACGCCGTGCTAGGG
GTGTCGATGGTGAATGATCCCCGCTAACCTGGGATTCC

>naRXA00159

ATGGAGAATGTTAGTTCCGTCACGTGCGATGGTTCCGTTAGCGGATGTGCATGCCGAACGG
TGGCAAGAATTGCTCGCACGTTTGGATGCCGATGCGCCGGATATTGCGGAGGGCACCGCC
GCAAAGTTGCTCGCTACGATCCCGGGCTATGAGCTCGTTGACGCGGGGCCGATCAGGGAG
TCGTGATACGCAATACGGCCTTGATTATTCGCGTGATTAACGCGGGCACCGAGCCAAAG
GCCGAGGACTTGCTGAGGCTTTAAGGCTTGCCGACGAACGTATAGCGCAAAATGTGCCG
CTGGGAAGTGTGCTGCACGGTTTTTCGGATGTCTCTGGGGGAAATTCTGGAGCATTTGGTG
CAGTTGGGCCCCGAATACAATATTGATCCCCGCGAGAATGCTGCGCTGGTCCCACTGATG

TGGGCGGTCAATGATGCCTTTTCTACGCGTGCCACAAGGGTGTACCGCGATCACGAGGTC
GCCACGGCGATCGCCGATTTCGGTGCGAAGGTCAGAATGGATCGGCAAAGCGGTCTCGGAA
GGCTCTGAAGTGTGAGAGCTTTTATGGGGTGCTGCGATGTATGACGTTCCCGCCGACACT
CCTCTAAGAGCATTGGCAGCCACCTCACCTGATCATGCGAAAGCTGAAACACAGATCCAG
AAGTGGACTCAGCGCGCCGGAGTGCGGGTGCTGGCATCGGTGCAGCCAAGCGTGATCGTG
GGGATCGTGATTGGGGGAGCCGAAGCGAAACGTGGACGGCCCTGGTTTGTCTGTGGGTTT
GGTAGGGCAGAGGTGCTCTCAAAGCTGGCGGACTCATATAAGGATGCATCCCTTGTATTG
AAGGCTGCCGATAATCTGAAACTTAATGAGGTGCAGCGGGCACAAGATTGTGATGGAAG
TTGGCTATCCATGCAAGCCCACGGGTGACGGAGATTCTTGCGCAGAAATATGTGAAGCA
CTAAGGGAATCTGGCGAGTTTGTCTATGAGATCGTGGAATCTTTGCGGGCATATGTGGAC
AACCAGATGAATATTCTGTCTGCTGCGCGCAGTATTCTGTGCATGTGAATACGCTTCGC
TATCGGTTGCGCCGGTTTGAGGAGTTAACGGGCTGCTATTTGGAGGATACATCCACGGTC
ATTGAAGTGTCTGGGTGCTGGAAGTCTTTGGCCGGGAGCTG

>naRXA00159-downstream
TAGAAAATTGCACCTATATATAT

>naRXA00161-upstream
TTACTATACATGGTGTAGTCCCAAATTAATAATGCGGGTGACCAACTGCACCGTAAAAA
AAATTTCGCTTATCGTAAATCAGCAGGTAGAATAACACTCT

>naRXA00161
ATGAGCGAGCCAGGGCCATCCGGGGTTAAAGAAAAGAAGAAAGTAAAGGCAAGTCACATT
GTCTTTCTTCTCATTTGTTTTATCGCAGCCTGCGCGTTGGCGTGGTGGCAGTGGTCAAGA
TTCCAGTCCGGGTCTGGAACCTTCCAAAACCTTGGCTATGCCTTCCAGTGGCTCTTATC
GGAGCATTTCTTGTATTGCCTACCGCAAGTATTGCAGTATGAGAATGAGTCCATTGAG
TTAGAAAACATGGAAGCCAAAATGATGGCGGAGCAAGGCAAAACACCAAGTTGCGCAATCA
GAGCAGGAAGATAGCTTCGTTTCTGCTCTCTACCGTCCGAGCCTGGTGGAAAGATGACAGC
GTCAAGGAAATCGACGAATCCTTCTGCGCTCTCGCCCGACGATGGATGTGGAAGAGTTC
AACAGGTTGAATGATCCGCATGCACGGAGACGTCGAAAAGCA

>naRXA00161-downstream
TAAACCTGGAACCTTTCCGGGCC

>naRXA00162-upstream
GGAGACGTCGAAAGCATAAACCTGGAACCTTTCCGGGCCCCGCGCCCGACTGCTTTGCTG
AAGCCCTATCCCGCTATTTTATTTTGAAGGAAGAGTTGC

>naRXA00162
GTGTCTACCACCACCCCAATCCACCCTGAGCGCAAGAAACGCGTTTCGTCAGGCCCTCACC
ATGTTCTCCATCGCTGCGTGGGTGACTGGTGTGTTTTGCTGGCGCTGGTGGCGGAGATG
ATCATGAAGTACATAATTGGCATGGATCTTCTGAGTGGGCACGATTTCGTTCCGATTGCA
CATGGATGGGTTTACATTGTTTTCTTGATGACCACCCTGAACCTGGGTCTGAAGGCGCGT
TGGAATCCGACTCGTTGGGTGACCACCGCTATCGCAGGTGTGGTTCCGCTGCTGTCGTTT
TTTGTGAGCACAAACCGCCGCAAGGAAGTTACTCAGACATTCCAGCTGAACTCA

>naRXA00162-downstream
TAGTTAAATACACAAAACCTCC

>naRXA00167-upstream
CCGACAATCCAGTGGAACTTCCCTATCGCTGTGATGCATTTTTACTTTACGTTCCGGTA
CCCTGGCAGGCAGATCTTCCAATCTTTAGGAGCCCTCGCC

>naRXA00167
ATGTACCTGTTGAATCCACCAGTCACTGAACCCGAGATCCTCACTGTCAACGAGATTCCG
ACCGTCGTCGCTGTCTTTGACAACCACCCCATGAACGACATGCCCGCAGCATTCGATCAA
ACCTACCAAGTGCTTTCACCACTTGGGTGCCAAGGGCATCGCGCCAATTGGCCCCGGA
TTTGCTCTGTACACCTCCGAACCAACTGACACCGTCAGCTTTGAAGTGGGCATGCCAGTC

AGCCAACCACTTGAGGGAGAG

>naRXA00169-upstream

TTTGCTGTGTCTAAGTGTGTGGGGTAATTGTAATATAATTGGTAGAATTTCTCTAATTA
ATATTTTATTAACCTTAGGGAGAAAGTTTATGATAAATATG

>naRXA00169

ATGTCGTTGGGTAATCCAGCAGCAATGCTCGCTGCGTACAACACCAGCACGCAGGTGGCA
CCGCAGCCACAGCTGGGACCACGTGCTGGAGAAGTTCAACTCAGTAGCGAACAGCAAGCC
ATGATTGATTATGTACTTGGCTGGCAAAGATGTCATTGTTGATGCCACCGTAGGCTCGGGC
AAAACCTACCGCTATTCAACGACTGTGTTGATCATGGGTGCAGACCATGACGTGCTGTAT
TTGACGTATTCGAAGTTGTTGAAGGTCGATGCACAGCAGCGCTTCGTGGCGCCAAGGTG
CAGAAGTATCACGGCATTGTCTATCCGCATCTACTCAAGGCCGGCATCAAGTGTGGTATT
AGCGAGTCGATTGGGAGTTTAAACAAGAACTTCAAACACATTTCTCGCACGTTCCCCAGT
TACGACCTGCTGGTTATTGATGAGTACCAGGACATCAATGAGGACTATGCAGAAGTGTG
CGCAACATTAAGTCTGTGAATCCGCTTATGCAGATTGTCATGGTGGGTGATTTGGAACAA
AAAGTCCGGTCTGACACCACGTTAGATCCACAAGAATTTGCAGCACAAATGTGTGAAGAT
CCAGTCTTCGCGCGGTTTACACAGTCGTTTCGAATTGGCGAGGCTATGGCAGCGGGTTTG
GCTGATGCCCTGGAATAAACCGATTGTGGGTGCCAATACCGCACAGCAGATTGAATATAGG
TCTTTGCTGAGGCACTGGTGTGATCCAAAGCACCGAGCCGAGCAAACCTGTTGTGTTTG
GGTAGCCGCAATGGGCAGATGTCAGATGCGCTTAATGTCGTGGAGAGGAAGTCGCCGGCA
AAGTTCAATAAGAAAACCTGTGTTTCGCTCTATTGCGGATGGTGTATCCAGATTGCACAC
CCTAATGACGCTGCGGTGTTTACCACCTTTGATTCCAGTAAAGGTCTAGAGCGCGATACC
TGCGTGGTCTTTGACTATGACGAAGAATTCGCGGACATGCGTCTTGGTTACCCCAATGTT
GATCCAGTGGTTCATGCGCAATGTGTTTTTGGTGGCAGCATCACGCGGTAAAAACAAGGT
GTTTTTGTACGTAGCGATTCTCTTCAAGCAGCGTATGAGGCTGGTGGGACTGGGCTGCA
GGGCTCGCTGTGGGTGTGGTGGACAACAATACTGAGGTTGCACCTGAGGTAGATGCCCAT
ACGCCGGCAGAAAGTAAGGGTGTGTTGGGTGAGGTTGAGTACAGATTGAGCGCATG
ATGGGTTTTATCCCTGTTTCAGTGTTTAAAGAACTACCTGAGTTGGCGCCGAGCGAATAT
GCGCGACCGATCTCTGTGACTGAAGCCTTTGATTTTAAAGTACGCAGAGAATGTCGAAGCA
TGTTTTGACCTGCTTGTATGTCAAGCGTCTCGACAACGGCAAGGGTGCAGCCATTGAGGTC
AATCGCAGTGACGGGCTTATTGATCTCTCACCACAGTGGGAACTTTCAGGAAGCAGTG
TTCTTCAAGGACTACAACGTTTCATACAGCACTATCGGCGTACCCGAGTCAGTTCGCGAAA
AATCTTAAACGTTTGGTGAAGAAAAACAATAGCGTATGGCGTAACTGCCCTATTGTGACA
GCAGCGTCCACAGAGCAGATGCGGTATGTCGATCAGGTGCGCAGCTCTATCCCGGTTGCT
GCGGAGAAGGCATTGGTCTCACGGCTGAGTACGAGGCTGAATGCTGATTACGTAATCAG
ATTCCACTGATCCTTGACGCGCAGGCAGTACAGAGCAAAGTAGTGCACGCCAATGTCT
TTTGCAGGTGTCGAGATGCGGTGCACAAGGGTGTGCTTTATGAATTGAAATTCGTCTCT
GAGTTGACACATCCGATGTTTTTGCAGCTCGCAATGTATTTGGTCATGTCTGGGATGAAG
GACGGTATTTTGTGGAACACCCGGACAGATGAGGCGTGGCAGGTGCGTGTCTTGACCCG
AAGCGTTTTCTTAATGCTGTGGTGTGTGTGTCTCCAAGCAGGATTACCGGGTCGGTAAC
TTTGATCTGCCGAGCACTGGTGGAGGTGCGCGC

>naRXA00169-downstream

TAAATGGTGTGTGATGTGTGGGGT

>naRXA00170-upstream

TAACTAATTCTTTACCTATCCTCAGTTTGTACATATTTTCCGACAGGTAAAGGTTTGATA
TAAGCGGTTGGTACGAAGACTAGTGGGTGTTTCTGCTGTC

>naRXA00170

ATGTTGCTGGCCATCGGGGTTGCATCTCCGGTAGCTCAAGCACAAAGTGGAAGATCAATTT
GAGCTTGTAAGAAATCAGTGATGAGCAGTTTGTGATGATGGTGTGACTATGTTCCC
AATAGGAATGCTCCGACTGTAAAGGAACAACCTGAGGATTTGAATCAGCAGATCCAGAA
GTAGTCATTGAGTATCACGAGCACGTCAACGATAGTAAAGACAATGTTGAGGAACTCCG
CTACCTAAGCGGGACATCGTTGCAGGGGAAATGCGCTCAGATGTCATCGAGTTACCGGAG
GGGGTGAGCAAGGACGAAGCTGATCAGGTGGAGGTTGCGGAAGCGCGACTTAATGAGGGC
GCACGATTGATGGCTGCAACTGGGTGTGAGGCTATGTGGCCAACAGGTTTCTCAGTTTGT
GGCCGATTCTTGACGCTTATCGGCAGGTTGGAGGTCAGTTGTGATGGCTTGGGCCACCA

AAGTCAAACGAGTTGACCAATCCCGACGGTGTGGCAAAGAAGTGAATTTGTTGGGGGT
GCCATCTATTGGCATCCAGACACAGGCGCTTATGCAGTGACCCTGGACGGTTTGAGGCAG
TGGGGGACCTTGAAGTGGGAATCAGGGCCATTGGGGTACCCAACCTCTGGTCCGATGGAT
ACAAACTATCCCTTACTCAGCGACAGACTTTTCAAGGTGGTGACAACTATTACAACCCA
TTGACTGGCGGTGCTGTGTGGGGCGATATTAAACAGCGCTACGAAGAACTTGGCGGGCTCG
AATCATGCCATTGGCATCCCGATCACTAATGAGETAECTAGGGGTACTGAGTATTTTAC
AATAATTTCTTCAATGGAACAATTTCTGGCGAAATGATCGTCAGACACGGTTTATGTAT
TTGGCTACGCAGCGGGTGTGGGATGCGTTGGGTGGGAGACGGGTCGTTAGGTTTTCTT
GAAGCAGATGAAACACCTGAGGTTTCTGGTCTATTCCATGTGGTGAATTTTGCGGAGCGC
GGGGTGATTGCGTGGAATGGAATCCTAGGCGCCAGAGAGCTGTATGGTGATGTTTACTCC
CTGTGGCTGCAATACCAAAATACCGATACTCCTTTAGGGTGGCCGATACCATCATTGACA
TCATTAAATGAGTCACTCGAACAAGAATTCACCAGAGGTGTTGTTTTAGGCTCAGGTGAT
GCACTGACATGGATTCTTGACGATGAAGAAAGAAGTTTGGAGGATTTCTCCCAATTGGA
AGTAGCGGCTCATCTCATCGAGCCAAGAGATGACCCTGTTTTCCAGCGTGCACAATAC
GTGGATTGCAAGAATCTTCCCGATTTAGATGAGCAGAGAAAACTGAAAACAACATTGAA
AAGAATGGTGGCCCGATCAAAAAGAGTATAGTTCGCGAGGTTTCCCCACCGAGTTCAGA
TTTGTCTGAGAAAAGGGCATTATGACCGTTACAGGAATGAAGGCTGGGGATATTTAAAA
AACTATTGCAAAACAACTTCGCCAACCACGCTATGGCTGAGGCCGTAGTAGATAAAGCG
GTGATTGATTATGGCTCATCGCCAGGAACAGCTATTACAAGTTCGAGAAAAACGGTGTAC
TTTCTAGATTGCAGAACTTATACATTCAATAAGAACTCAGGATGTAAAGAAATGCACGCT
CCGCAATGGGTGACTATTATTTACAATCCTCATACTTTCACTGGAGCAAATTGGAACAGA
CCCAAGGGGGTAATTTAGCATGGTGTAAATCAACCCACCTGGTGAATCGAACACGAG
CCTGAAATTTCCAATGTCCTGATCATGTGAATCTTTATAATAAGCTTCGCATA

>naRXA00170-downstream
TGACAGAACCCCATCAACTGTGC

>naRXA00171-upstream
CGATTAAGGTAGGGGCTTAAAAAGGGGAATAAGAATATTGGGCCCAGACGAAAACCTGC
TGGCGAGATCATCAAAGATCAGCAGAAGCAGATTCATAAC

>naRXA00171
TTGGCAGCTGAGGTAAAGCGTCTTCGTGAGCGTGACGATGCACGAGATCAGCAGCTAGGA
GTGCTTAATGAAGCCATGTTTTCACTACTAGGAGATGGACTTGACCGTTTCGTGAATCT
GGCGATGAGGCATCCTTCAATGCTGCATTGAAGTATCAGGCAGTGGTGGCACCAGAAATG
TTTAAGACCGTGTATGGTGTGATCCGTCTACCGGAGAGCCTATTCCCCT

>naRXA00171-downstream
TAAAGTACAACACAGTCTTTTCA

>naRXA00173-upstream
TGCCCTGATCCACACAACTGTGAAGAAAGAAGCCGCAATGTCCACCACATCCACCTAT
GAGAGCCGTAAGGCAGCTATTTCGCGACGCTATTCTCGCCT

>naRXA00173
ATGTCAACAACAATCAAGGCTGCTGCACCCTACAGCCTTCATGCCCATGATCTCGAACAG
CTTGCTGTAGATCTCACTTTAGTTACCACCTTTGATAGCAATGCTGCAGTTGATGTCACG
CCAACACATACAGAAGCACCTGGTTTTACCTGTCATGAGGGCACCAGATACTGCGCCTATG
GCTCCAACCTGGTTCGTACCTATTTCCAGCGACATCTCCACAGCCGTTTCGGAAATATCT
ACATTAGTGCAGCAGGCTCGCACCGACGCAAGCGCCATTATGAAGCAGAAGCTGAA
TTTTACAACCAACTGCTGCGGTCTTGCTCAG

>naRXA00173-downstream
TGATTTAATGTGGCCGACACACC

>naRXA00174-upstream
GCGGTGTGGTGTACCAACAATCCCGATGGCACTGAACAAGGTGATGCACGCCGCTGGG
TAAGCCACTGGGAATCATAAAAAGAAAGTAGCACTAGCT

>naRXA00174

ATGCCTAATCACCCACCTATTTCCACCTTCGATGACCGTCGCTCTGCTATGCGCGAAGGC
ATTACTGATTACCTTGCCAATACAAATGCAAATGGGTTAGGCGGTTACAGCATCAGCGAC
ACCCACCTCGACAATCTTGCTGAGAAATTCACCCGCACACATGGTGAAGCACAGTACGAT
GCCGGCTTTGATCCCAATGATCTTGAACGAGAGACTTTTGTTCGTGACATFGAGATGAGC
TGGGATGAGCGTGCTATTGATCGTGCCCTGATCCACACACAATG

>naRXA00174-downstream

TGAAGAAAGAAGCCGCAATGTCC

>naRXA00175-upstream

AGCTCGACAGCCGTAAAGAAGTTGTAGGTCTTTTTCGCTTGGGATACTGATGCTCTCCCA
AGCGAATGAGGCGGAGCCCATGTGCGGGTGTGTGCGA

>naRXA00175

ATGGCTGTGTCAACTACCTCAGCCTGAGAAAACAACACTTATAAAGAAAGACCTTTTA
CTCATGACTTCTACAATACTCCACCGCCATGTTCAACGACCACCTTATCCCTATGGCA
GAGCTTGATGAACAAGCTCTGCGCGACAGCGTTGGTTCTTGGGCACAGTACAAGCACCCG
CTTGACCAGCGCAAAGAACCAGAGCTCGTCCTTATTCGTGCGGTCAACAGCTCAGAGCGT
GTGTGGGTCTTAAGTTTCACTGACCTGCGTGCTGATGCAGGTCTTGTGCCTCGTAGCACA
CCGAATGCTGACCCCTCCAATATCCGCAATACCATTTTCTCTGTGCTGTCCGCGATCTT
GTCCTTGATCGCTCACTTCCCCGGCTGCTTAACCTCAACGGGCAACCACCAGAGGTGAA
TGGGAAGAAGGCTTTGTCTACGTGATTATGACCAGAGCGACACCGTAGATGGCTACCTC
ATTGAGCACAGCGAACCTGTCTCCATTGAAAGTCAAACACCGGTGAAATGCACTATTTT
GATAAGGTGCCAGGCGGTGTGGCTGTTACCAACAATCCCGATGGCACTGAACAAGGTGAT
GCACGCCGCTGGGTAAGCCACTGGGAATCA

>naRXA00175-downstream

TAAAAAAGAAAGTAGCACTAGCT

>naRXA00176

CAGCTGATGTACTCGACATCATCATTTTACCACCGTGAAGCAGACCATCGGCATTGATCTT
GCTGAAGTGAATCAGGGCCGTGCACTCGGCCAGGCTCAAGGTGAGGCACAAGGCAAAGCT
AGTGACAGAGCCCTTGAGCAGGCACCTCATAATGAGCAG

>naRXA00176-downstream

TAAATAACACACACCACATGTGC

>naRXA00179-upstream

GCGGGTTCGCCAAACCTTGGTGATCTCGTTAGTGTATGTATCAAGCATTTTCTTTTGGC
CAACCATAATTGAAAGGTCCACCAGCCCGTGACCACCATC

>naRXA00179

ATGATCGCTATTACGCTATTGCAGCAATCCTGTTCCCTAGGACCAGCAACAGTAGCTAAC
TCTCAGTTCCACGTCCGCGGTACGATGCACACAACGGCAACACCCAAGCCGCTGGCTCC
GCAAAAACCCCTTTTCAAGATTTCCAGTCCTACGGCATGCTGTCCCTGCTCGTGCCTTTG
CTGGGTATCGCCATCATGCTTCTCGATTGGTCTTTTCTACAAGTCTGAAGGCCAGTTCCAC
GCAGCAATCGCTCTCAGTGTTATCACCTGGGCGCTGCTTCTCTTCGTTATCTTCCACGC
CAGAAGAAGATGATGGGTGCTCTTGACCTTCTGGAGGACGATGAGCAGGCTGCAAAGACT
TACGAGATCGAAAACCTGGGACAAGGCGAAGAGCCAGCTGTCCATGTTTCGGCGGCATCTGG
GCTCTGCTGTGGGTATCATCGCTGTGCTGATGTTTCATC

>naRXA00179-downstream

TAACACATCTCAAATTGCCAAA

>naRXA00180-upstream

AAACGAGGATGTTGATTTTCGCTGACGCAGCTCAGAAGCTTTTCGAAAGAAAGTTAAGCCTT
AGAGGGAACCAACGCCAAGGCGATGAGTCTAACCCGAGT

>naRXA00180

ATGAAGAACTTTATTTCGGGTACTCATCGCCTTTAGTGTTTTCTCTGTATATATACCGTT
GCTCCCCACATTGGCCGAGGTCTGGAGACCTCGEACEAGTTACAGCAATCGCCCAACGA
GCCACAGTCTTAGGCTATGACAGAGCCTCCATGTTTGGCGGATGGTTGGGTGGCGTGCGG
GAAGGCATCGTGGATGAAGCCGGCGACACTGATCCATACTCCGGGAATCGATTAGACCTC
TCTAGTGCCGAGGTGGATCATATTCTCCGCTCAGCGCCGCTGGGATCTAGGCGCACAC
CGGTGGAGCGCTGGCGAGAGAATCAGCTTTGCCAACGACCCCTCAACCTCGTGCTCGTC
TCAAAGCTGAGAACCAAGAAAAATCCGATCAACTTCCAGCGAGTGGCTCCCCTCTGAT
CGAAGTGCACGATGTTGGTACGTGGAACGCCCTTTTCGCCGTGGCCAACGCATACGAACTT
CCGTTACCAGAAAACGACATTTCGGGTGGACGAAAACAGTGCGGGTTCGCCAACCTTGG

>naRXA00180-downstream
TGATCTCGTTAGTGTATGTATCA

>naRXA00183-upstream

CTGGCCAGCGCCATCGTGGGCGAGGGCGAAGGCTGGATCACCGAACTCAACCCAGAAGAA
TTGGCTATGCTGATGAGTTACCGCGAAAAGGAGGGTGCAG

>naRXA00183

ATGACTGAATCACGCCGCTGAAAATGGATAACGTTATTTACGCCAATTTTGGCAGCAAA
CAGCGCGTATCTACTCTGATGACCGCACCCAGGTGATTAATAAATCACGACACAAACAA
TTCAGCCCAGCGGTACTCGTACCGTGATGTTGACGGAGAAAAACGCCGACAGCGGACGA
CGGTCCCGCGGTGAGCAGTACTACCGAAACGGCAATGTCACCGGCATGACTGTGCTGGAA
GGCCGCGTGGAATGCACTGTCGCGGGCTCCCAAAACGAGCCGTTTGTACCACAGTGACC
TTCCCATACCGAAGCTCGGAAAACTCCGCGAAGCCTACGCAGCTATTGCGGATACTCCC
AATGGCCTGCGGCTTGTGCGTGATGGCCATCTGACCTCCTCCATGCTGGATCACTTGGTG
GGAAGTCTGATGAGTCGATTTATTTTACTGCACCTGCCCCGACCGATCGCTTGTGTGT
AAACATGCCGTTGCCAGCGCGTATCACGTTGCCGAGAAGATGACCGCGAACCCCGGTCTG
ATCTTGATATTCTGGTCAAGGGATGGCTGGATTAGAAGCACTGATTCGGACCTATCAC
ACCAAGGTTGAACTGAACCTGAAGACAATGACAGTTTTTGAACGGCAGGGAACCTTCT
GCTTTGCCTGATCCAAAGATTGCCCTGCTATCGACGATTCCGATATCAACTACCTCCAC
AAGGCTTTAAGGATGGTCTCATACACCTCCCTGGAGCAGCTTCGTGCGGTCACTGATATT
GAAGATATGTACGAGATTTTGGTAGCCAACCACCTGATAACCAGCAAGTGTATGAGGAA
GAAGACACTGAT

>naRXA00183-downstream
TAACCAGGGCTTATGGTTGTGGT

>naRXA00185-upstream

ATTGCGAGAGCTCGTGACTCTGTGGTCAATGGTGCAGCGCCGGAAGAAGACCGCGATGC
GCTCAACCTATTGTTCCGACTAAGCCGGGAGGTCTAAGAC

>naRXA00185

ATGCGTATTTCATGAAATCATCATTGACAATTTCCGAGCCATCGAACATCTAGAACTTCGT
GACATTCTGACCAGGGCGTTATCGTGATCCACGGTGACAATGAGCAAGGCAAATCTTCA
ATCCTTGAAGCCATAAAAAACAGTTCTGAATAGTAAACACAGAACCACCAGCAAGACGATC
AAGGCCATTACGCTGTTGACCGTGATGTTCCCATCAGCATCACCTCGAGGCAACCGTA
GGCACGGTTCGATTCCGCATACACAAACGCTTCTTAAATCCACAGCCGAGAACTGCAA
GTCATCGAGCCAGTCCATCCAAACCGTGGACTAGAAGCCGAAGCTGCCTGGCAGAA
ATACTGGAAGCCATTTGGACACCTCTTTGCTTGACGCATTGTTTATGAAACAGGGTGAA
GTAGAAGCAGGTATCAGCGCTGTAGGAATTCCTACCCTGACCAGCGCTTTGAACGCTCAA
AATGGCAATACCGAAGATGCCACCGAAGACACCGCACTCATGGAGGCTGTAGAAAAGGAA
TACCTAAAGTTCTACACCAACTCCGGAAGGCGAATACGAGGTTCTACAGTTTCCAAA
CAGGTGGAAACCTTTCGTACTGATTTGGATGAGGCTAACGCTGAAGTAGCAAAGCTCTCC
TCCCATGTTGACCGAGTTAAACGATTGGAAATTGATCGGGATCAGGCCACAGCACAGTTA
CCCAAGGCAGAGGAAGAACTCGCAGGGAGGAAAGCAGAACTGGAGGAAGCCAAAAGGTT

AAGGCTCAAGCCACGGAAATCCTTGCGCAGTTTTCCCGGGCGGAAGAACAGTTAGAGCAG
GCAACAGGAGCTCAGAAACGACGTAAAGAACTCCGCAATAAGCTGGAATTAGCACAGACA
GAAGTCGAAAAGGCTGAAGCAGGGCAAGAGAACCTGGCGCAAGAAGCTTCCCGTGAAGCA
GAAGAATTCTAGCCTTAAGTGAAAAGTTCGAGGCAGCGCGCAGCTGAAACTCTGGCC
GTTGAAAAGGTGAAAGCAGCACGTCAATCGGTTGCTGGAATCAAAAACCGTGACCGTAAA
GAACACCTCACGGTTATGCTTGGTGAACCTTGATCGAATTGGGCAGCGCCTCTACGAATTG
CGCAGCGTCCAGCACTCATCGGTGCGTGTGAGCCAGCGTGATATTGATGCTCTGCAAAAG
GCGATCACCGAGGTGATATCCAAAGGACGCTCGTTGAAGCGCAGCAGGGAAGTATTACC
CTCAGTGCTTCCACACCCACCGACATTCAACTAGGTGATGACACCGTTTCAGCTACCGAC
GCTGGAACCACAGTTGCCCTCGACCGAGAACTCACCGTCTGTTGGTTCGGCGATGTCACCTTG
GTGATTAACCCAGGAAAAACAGCAGCGGAAAGTCGCACCGATTTTGAATCCGCCGAGGCA
GCATTGGCGGAGCTGCTTGATCAACTCGACGTCTCAGACTTGGACCAGCTCAGGGAACGT
TTCAGTCCCAAGAGCAACGAGACGCGGATATTGCAGAACTGGTTCGCGAACAACAGCGC
ATGAGCGGTGGGACAGAAACAACAGTTTTACGTGCCGAGCTAGAAGGCCTGCACGTCCCA
GAGGATCTAGACCCATCAATTTCTGTGGATGATGCGCAAACTCAGTTGAATGAGGCAGAA
GAGTCCAGAGAGCTCGCTGCGGAGGCGCATAAACACGCAAATGCAGCACTTGATGGATTG
CGTTCGCGTCCCGTAGATAAAGCTCTGACAGTTTTCAACGCTCAGCTCGCAGCACTGCAG
AGAAACCTCTCTTCCGCACAAGTTGAATTAGACCGTGAGTGGCAGAAACCTCGGATGAC
GAAGTTGATGCTGCTGTACAGCGGTGCGCTGAAGCTCTAGCTGGGGTTCGGGTACAGAAG
CAGGAGATTGAACAGGTCTTGGCAAAAACCAACCCAGACATGGCTCAACGCTTATGTGAT
GCTGCTGAAGCAAATGTGCGATCGTATAAAACGGCAGTGTCTGATGCCACCACAGAGTTG
GTGCGCCTGGAAGGCCTCATCGGTGTAGCTGCAGGTGCGAAAGAACGACTAGATAAAGTT
AAGTCTGCGCTGACAGCAGCTGAAAACCGTTTGAATCAGAACAACGTCGCGCCCACGCT
GCACGTGCGCTCTATGCCCTCATGGTGTCTACCGTGATGAATCCCGAAAGCGCTACGCA
GCACCTTCGCGGACAACTATCCAGGCTGGCAGCATCCGTATTTGGAGAATCAGCAGAC
TTTGATCTTGATGATGAGCTGAAGATCTCCAGTCTGTTCCATAGGACCACGAACAGTGGAC
CTTGCCAACTTTCTGGCGGCGCAAAGGAACAGCTGGCAATCCTACCCGCTTTGCTATC
GCAGAATTGGTAGCAGAATCCTCCGCGCAAAGGTGCTGTGCTGTGTTTATTGATGATGCA
TTGGGGAGCACAGACCCAGAGCGACTGACCCGCATATCTACTCTGTTTAGTGATGCAGGC
AAGGACTCTCAGGTGTTTGTCTCACCTGTGTTCCAGACCGGTACAACCTATGTAGAGGTC
ACCCAAAAGCACAGCATCGAGTCATTGAAAACCTGCCAACGCTCTGCTG

>naRXA00185-downstream
TAGCTGAGCAAAAAGCCAAGCAA

>naRXA00194-upstream
AAATATGAGAACATAGTGAGAGTTAAACCAAGTTCTGTAGGTGCTTGTTCAGCGGGCGC
GAAGGCGTACCAGTCAACTTGCGAATAAAGGAGTAAAC

>naRXA00194
GTGGCTGGTTCCCTCCACACGATTGAGCCTGAGATCTACCGCGGTGTATCCACCCTTGAT
GAGCCTTCGGCTGCATGGGGATGGCAGGTCTCAAGCGCAACACCATCCAACTCGCTGGC
TGGATTTCCGTTCTGTTTCATGCTTGGATACAACTTCGGTAACCACAAGGGCCACGTTGAA
ACCATCTGGCTTCTCGTCATCACCGCCCTTCTGGTCATCGGCCTGCTGATCCACCTGTTG
GAGCCAAAAGCTCTTCCAGGTTTCGCACCATCACTTCTCGCAACAA

>naRXA00197-upstream
GTCGATGATATTTTGGCAACCGAATCTGAGGCACGCGCGCTGCGAATGCTTTGATCAAC
CGGTTGGCAACCAACTTGTAAGCTAAGGAGCTTCCGCCTC

>naRXA00197
GTGGCAGCCTATCTTCTTGGTGTGCTATTATTTTCCCTCGGCATCGCAGTAACCATCGCG
CTTCACGAGTGGGGCACTTCATCACAGCGCGCATTTTCGGAATGAAAGTGCGCGGTTTC
TTCATCGGTTTCGGCCCCGACGGTGTTCGCAAAAAGACGCGGCGAAACCGTGTACGGCCTT
AAAGCGATTCCGGTTCGGCGGTTTTTGTGACATCGCGGGGATGACTGCCCAAGATGAACTT
GATCCGGAAGACCTGCCGCGGCCATGTATCTAAAGCCCTGGTGGCAGCGCATAATTGTG
CTTTCCGGCGGCTGATCATGAATCTGATCGTTCGGCTTTTGGTGCTTTACGGCGTGCGG
GTGAGCTCCGGAATCCCGAATCCGGATGTGGATACACCGCGACAGTCGACACCGTTTCAG
TGCGTGCCGGAACCCAAATTTCCGCAACTGAACTGTCTCTCGTAGGTTTCAGGCCCA

GCGGGCGACGCCGGCATTGAGCACGGCGATAAGATTTTGGCCGTCAACGGCCAAGAGATG
 GCAAGCTTCACCGCCATCCGCGATGCGATCCTCGAGCTCCAGGCGAAACGGCAACGCTG
 ACGATTGAACGGGAGGGAACGCTTTTCGACGTGACCTCCAGGTTGCCTCTGTACCCGT
 CTCGCCTCTGACGGTTCAGAAATTACCGTCGGCGCGGTGGGCATGTCGAGCCTTCCACCG
 ACCGATGTGTACAAAAATACGGCCCAATCGAGGGTGTGGGAGCAACTGCACGTTTCACC
 GGCGACATGATCAGCGCEACGTGGGATGGEGTCAAAGGCTTCCCGGGGAAAAATCCAGGG
 GTCGTGCGATCCATCTTCGGTGCAGAACGAGATGTAGAAAGCCCCATGAGTGTGGTGGGC
 GCGTCACGCATCGGCGGCGAATTTGTGCAACGTTCATGTGGGACATGTTTCATGATGATG
 CTGGCCAGCCTGAACCTCTTCCTCGCGCTGTTAACCTCGTGCCGCTGCCA

>naRXA00199-upstream

ACCCAGCACCATTTTTTGTGGTTTGCTCTAAGTTATGGGCGAATCAGTAAGTACTGACAG
 GTACACTCCGAGCAGCGCACGCTTATCGCCAGCTGCTC

>naRXA00199

ATGGAAGATCTTGAGATTTTGTATCGGCATTTCAGCATTTCCGATTTTGAGGATCAGGGT
 TCCATCGGCCTCGAGTTGGAACCTCAACCTCGTGGATAAGCATATGCAACCTGCTTTGGCA
 GGCCACGCGGTGCTTTCCCATTTAGACGATGAGTACCAGTCGGAGATCGGTAACCTTTAAT
 GTTGAAATGAACACCCGCCACTATCCGTTAAAGGCGATGCTTTACGACGCCTCGAGCAA
 GGCATCACCTCGCGTCTAGGTGCGGTGCGCGCGGCCGCACATCGGAGAACGTGAACGTG
 GCGATGATCGGCACGCTGCCCACCATCACCCAGAATTCCTCGAAGATCCGGCATGGATG
 ACCCAAGAAAACCGTACCGTGCCTGAGCAATGCGGTGATGGAATCGCGTGGCGAGTTA
 GTGCACATCAACATCGCCGACCGTGAACAAATCATCCACGATTTCACTGATCTCGCCCCC
 GAATCAACTTGCACGTCTATTTCAGTTGCACCTGCAATTAGCACCCAATAAGTTTGCTGCA
 GCGTGGAATGCGTCGCAAGCAATAGCTGGTGTCAAGCAGCTCTTTCCGCCAACTCCCCA
 CTTTTCTAGGCCGTCGGGTGTGGCATGAAAGCCGCATTCCAGTGTTCACAAGCTATC
 GATACGCGTACTCCTGAACCTGTGAATCAAGGAGTCCGCCCCAGAGTATGGTTCGGCGAA
 CGATGGATCACCAGTGTTCCTGATCTTTTCGAAGAAAACGTACGCTACTTCTCCCCTCTC
 ATCGCAGAATCCCGCGCCCTGTCTGGCACACCAATGATGAAGGGAAAATCCCCCGCACTC
 CACTACCTCAATCTCCACAACGGAACGGTGTGGCGCTGGAACCGACCCATTACGCACCG
 GGGGAAGAGCGCTCTCATCTGCGTTTGGAAAACCGTCTCCTACCTGCAGGTCCCACCCCC
 ATCGACATCACCGCCGATGCCGCTTTCTACTACGGTTTGGTTAAATATCTGGCCGAGGAA
 AACCGCCCTGTCTGGTCACGTCTCCTATTCCTGATGCGGAAAAGAACTCCAATCCGGT
 GCACGTTACAGGGCTGTTCGCCCCGATGACCTGGCCAACCCTCGGACAAGTCAACGTTGCG
 AATCTGGTCCAAGAGCACCTCATCCCTCAAGCCAGAATCGGACTGGAACGACTCGAAGTA
 AACAAAGACCTTATCGACCAATACCTGGGCATCATCACCGAACGCGCGAAGTCCCCGCCAA
 AACGGTGCCACCTGGCAGTTGCGTAGCCTCAACAAGCTGGAAGCACACGGAAGCATGCCG
 GGTTCGATGCTCGAAAAGCAGGTCTTGACAGCAATGTTGCAACAGTATTTACAGAATCAA
 GAAAGCGGCCAACCTGTCCACACATGGGCTATTGGTTTCG

>naRXA00199-downstream

TAAAACGGCAAGGAAAGATAATA

>naRXA00200

CACTACGCCGGAGTCACCGAGATTCTGAATACCGAATCTCCCCAGACCACGGCGGAAAA
 TCCACCCTCTCCCCATTCCAAGACTGGGCAGGCGCGGATCCATGGGCACGGCCGAAGCA
 GTAAACAACGCCTACGAAATCCCGTCTTACCTCCGCAACGACTGGGGCCGCGACTGGGGT
 TCCATCGAACGCTACTCGCTGCGCACCAACTCCAACGGCGATGCACCTAAGGTTGCAGAC
 ATCAACCTTGAAACCATCCAACGTTCCGGACTCTGGAATCCAGGGCATATGAAGGTAGAT
 GAA

>naRXA00200-downstream

TAAGACCTTCAGTACTGGAAGTT

>naRXA00207-upstream

CTGCACAATTTTTTGGTTCGGACACATTTTTTGCCCCATTGGGTTGTTCGGATCAGATCAAGA
 AAACCCCCCGGAAAAATTTTGTCTCTAGACTGGCTCAC

>naRXA00207

ATGGAATGAAATTGAAAAAGGCATCCAGGTCAGCACTGCCACCGTCGTCGAGCAGGT
TTGATCGGCGGTTGGTTGACTGCCCCTGAATCCGGCATTGCCCCACTGGGCACCATTCGA
TTGGCAGCATCCGGAGCGCTTGTGTCACGAAGCTGGAATGAAAAGAAGGGTCTGTCAGTA
GCTACTGGCCTGCTGGCAACCTACGTTGGTGCATTTGGCCTGTCCCACCCACTTGCCAAG
AAGATTGGCGCGTGGCCTGCAGTTCTTACTGTGACCGCTGGCGCTGTGCGATTGCTTAC
GCAGTATCTGACTCCAG

>naRXA00207-downstream

TAATAATTACGGTAAAAAACTT

>naRXA00211-upstream

TGAGCCAAAATCAATAAGGTGTTTTTCAGCCTGAGGTAAAAATACGGTGGTACTGTGCGAA
ACCAATCATCCCCTAGTTTTGAAAAGAAGGAAGCGAGCCA

>naRXA00211

ATGTCATTCTGATCCGCGTCTGTGTGTCGACACCCAGGCAGCCTCGCGTTACTCGCT
GAAGCCCTTGGGATTGTAGAGGCCAATATTCAATCCGTGGACGTGGTGGACGCTTCCCC
AATGGCACGGTCATGGACGATCTGGTGATCTCCATCCCTCGCGATGTGTCATGGCAGACACC
ATCATCACCGCAGCTGAAGAAGTCGACGGCGTGGAGATTGATTCCATCCGCCCATCTCC
GGGACTGTTGACCGCCGCGGACAGATCCAAATGCTGGCTGCTGTTGCTCACCAACGCCGC
GATATCACCGCAGCGATGGAAGAAATGGTCGATGTCATCCCCCGCACCATGACCTCTGGT
TGGGCTTTGGTCATTGATCTAAAAGGACCCATCACTCGCATCGCTGGTTCCTAGCAGCG
CCCGAAGATGACGGCACCGTTCGCGAGAACATCGTTCTCAAAGAAGCTCGCATGCTCAAC
CCGGAACATCCGTGGATTCCAGAGTCTGGACACTGCTTGATTCTTCCCTTGCCATC
GCTCCGATCGGCAAGCACGGCCTGGCTCTGATTATCGGTGCGCCTGGTGGCCCTGATTTC
TTGGCCAGCGAAGTGGAGCACTTAGGCCAAGTCGGTGACATTATCGGAGCAATGCTTCAA
AAA

>naRXA00211-downstream

TAATCTGAGCTGTTTAAAAAATG

>naRXA00218-upstream

TCTAAACTCAGCTAGACTTCTAAAAGATCTAAAGTTCAGTTCCAACACAAGCCAGCACT
GCATTCCGCAAACCCGACTAGACCATCCAAGGTGTCTTCT

>naRXA00218

ATGTCAGCTCGCAATCCGTTCCGCCCCACTTTCGGAGTTTCCCCACCGTACTTGCAGGC
CGAGACTCACTTCTACAGTCTTTCAAACCTGGTCTCGCGGAAGGCCCGGAAGCCCCCTT
AGAGCATTGCTGATTTCCGGATCTCGTGGCATGGGTAAACTGTGTTGCTCAATGAATTT
GAAGATGCAGCTGCGTCTCAAGGGTGGATCACGCTGCGCGCTATCCGGATAATTCCATG
GTGGATTGGCTTAGTTAATCCGCCATCCCGGAGGCGCTACAGAATCTTGACGGACCGCAG
TCCAAAAGAATGCTCAGTGGTGTGGCCATTCTGGTATCGCTACGGTGACGGCCATTGCT
GATCCAACCAAGAAGGATCCCACTCCCACGCTGATTTCCAGGCTCCGCGAGTTGGCTACT
CGTTTGCAAAGCACGGCTCCGGAATTTTGATCACCTTGATGAATCCAAAGCGCCAAT
GTGGATCTTTTGCATGTGTTGGCCACTGCGGTCCAGGATCTCCTACGGGATGATTTGAT
ATCGCATTGGTAGCAGCGGTCTGCCAGAGGGAATCGATCGTCTTCTCCAGCATGAGGGC
ACAACCTTTATCCGCGGAGCCGAAAGAATCCTGCTCAATCCTGTCAACCATGAAGATTG
GTGGAGATGTTCTGGATACCGCTGCGGAAGGCCAACGCCACATGACTTCCGAGGCCGCC
GAACTCGCGGCGCAGATCAGCAAGGGCTACCCCTACTCCATGCAGCTGACTGGTCTCTG
GCATGGGCGCGAAGTACTCTTGACAACCTCCGATACCATCCAGGCCGAACAAGTAGATGCT
GTCCGCGACGAGGTTGTGCGCCGATGGGCATGCAAGTCCACGAGCCAGCCTGCACGAG
GTCCCTGATGGTGAGCTGACCATTTTGTACGCGATTGCCCCAACTGTCAAAAAACGGCGAG
ATGGTGTCTACTGGAGATATCGCACACCTCATGGGCGTCAAGCCCAACGCCTTGTGATG
CAGAGAAAGCAACTTCTCAGCAGAGGTCTCGTAGAGGTTCCCAAGTACGGTTTCTCAAT
TTCATTTTGCCGTACATGCGCGAGCACCTCCTCAACAGCCCGCACCAACCGACCAATCACA

>naRXA00218-downstream

TAAGACACAAGCACTAAACAGC

>naRXA00220-upstream

AGATCGTGCCGAGTTTCCGGTTTGGATGGGGTTTGGGATGTTAATGGGAGAGGATCGGCG
TGATCGTGCCGTTTTTCCTTGCGTTGGTAGCTTTGGGGCT

>naRXA00220

ATGAGCGCATTCACATCCGAGCGGAACAATCGCACGATATCAGCGCGATTTCATGATGTT
ACTGAAGCGGCCTTTACAGGAATTGAGCATTAGATGGAACAGAGCAAGATCTCGTCGAT
AAGCTTCGTGCTGCAAAGGCGCTGAGCCTTTCGCTCGTCGCTGAGGCGGATGGCGAGGTC
ATTGGGCATATTGCTGCCTCTGAGGTGCTGATTGGCGGTGGGGTGCAGGGCTGGTTTGGC
ATTGGGCCTGTCAGTGTTTCGGCCCGATAAGCAGCAGCAAGGCGTGGGTATTGCGCTGATG
GGCAGCGCGCTTGATCAGTTGCGTGCGGAGGGTGCTGGCGGCATCGTGTTGCTGGGGGAT
CCGGGCTATTATCGACGCTTCGGTTTTGAGGTGCTGCCCGGGCTGGTCTATCCGGACGCG
CCAGCGGAATTTTTATGGCTGTGTGTTGAATGCTCCGGCGTTTTCCGCAGGGTGTTGTG
GAGTATCACTCGGCATTTGGAGGG

>naRXA00220-downstream

TAGAGACCCCATCGTGCGGGGCC

>naRXA00222-upstream

AGGGAAAACTACCGTCCGCTGGACAAAGTCATCGATGTACTCCGCGTCCTTGGAATCG
AGCTTTCTGTTGGAATTCACGATCCCTCAAGGTTAATCA

>naRXA00222

ATGACCCCACTGCCGATATCTGGTTTAAAGATACTTTGGCTGCTCATTTCACACGCGAC
GGCGACCAGACACATTCTCTACACAGCTGATTACGCAGGTCCACCGATTGCCACGTCC
CTGCCCATCAATTCTGAACCCGTGATTACGCGCTCTGGAGCGATCCCACCATTTTTCGCG
GGATTACTCCCGAAGGTGCTGCTTAAGTTCCTCCGAGAAACATTAAAGCCTCTGCC
GATGATGAACCTTCACTCCTTCTAGCAGTGGGAGCTGATCCTGTTGGTGCAGTCGCTATC
TTCCCCCATGGTGAAAATACACAACCTGCACCACCCACAGTTGATTTTGACGATGAACCT
GATTTCTCGGCTGCACTAACCGAGTCCGGGATTGCGGATCCCGTTGCACTGGCCGGTGTC
CAAGACAAAGCCTCTGCACGCACCATCGCGGTCCCCGTTGCAAGCGATGCCATCTTGAA
CTCTCCCCGCTGAATACCCCTTACTTGGTGAAAAACGAAGCAGCTTGTACCAGTTGCTG
ACCAAAAATAAGCTTCGCATTGAAGTGTCCAAAGTAGAAGTTCTCCATGACAAACACGGC
AGGTCCGGACTCTTAGTTACCGCTTTGACCGCACACCCAAAGGCAAAATCCCCGTCGAG
GATGCAGGACAGGTCTTGGGAATCTGGCCTGCAGATAAATACTTAGTGAGCTACGAGGAC
ATCGCACAAAGCCCTCACTAAAGTGTGCGCCTCCCCATCTTGGCGATGCGCAATCTCGCC
TTCCAAATCGCAGTCGCGTGGCTCAGCGGCAATGGTGATCTTCATGCCAAGAACATCTCC
ATTATCAACAAAGCCGCGGATTTGAGATCAGCCCCATCTATGACATCCCTGCCACCGCA
GTATATGGCGACACCACGATGGCATTAGAAATCCAGGGATCCAAAAGGATCTCAGCCAA
AAGAAATTCCTAAAATCTGTACATCCATCGGACTACCAGAAAAACAGCCATGTGCGTT
GCGAACGCTGCACTGTTGGCAACAGAAAATGCCGAGAGACAATTCTTGCTTCGGGAAAT
TTTGATACACGGATGAATCGAGATCTGGCCAGGGTTCTCAAACATCGACGAAGCGCATGG
GGAGCT

>naRXA00222-downstream

TAATTCGCCTGTTTAAGAGGTCTG

>naRXA00230-upstream

AGGTCTTACCGCCCTCAAATCCTGCAGATTTTCCGTGCTCAATCAGGGACGAAAGTACA
TCCTATCTATCTAGCTCCACTAGCACAGATAGGAACTCCG

>naRXA00230

TTGATTCATGAGCAAGACGTTTCAGAAGCTGTTAAACTACATCACTTCACACTTTGGTGTT
GACCCTGAAAGATGGTTTCATCCTGAAGGCTACCAAAGCATTGCCCTAGCGATTCTTGAC
TCCATTTACTCGACTGGTAATCGCTATACAGGTGACTCAACCTTGTAATCGATACTGC
GGGCTGCGCGCAATGAAGGATCACACCCTGAAGCCGATACTGCCACTGATCTCATCGAG
ACATTCTACCGGTGGGGAGGGGTCGACGAATTTGTTCTCAAACGAATAATCGGTGGAGA

ACTTCCTCCAAGATTCACGCACCCTATAAGGCATACGCAGCTTTGGAAGCAGCAAAGGTA
CTTGCGGGTCATTCCATCGAATCCATCAGCGATGTTGTCGGCAGGTTTCGATTCGCGCGAA
AGCCGTGAACACTCAGATATCGCGAGAGAATGGTTGATGATAACCGGCCAAAGTAGTGCG
TTGACCTGGAGTTACTTCCTTATGCTCGTAGGTGTCCAGGAGTGAAAGCAGACCGAATG
ATCGTCCGTTTCGTCACTCACGTGCTCGAGCGTCCGAAAGAGATTTCCAGGCACGAAGCT
TCACGGTTGATTGAGGAAGTTGCGGACATTATGTGCGTCAACTACATCTACCTCGACCAC
ACCATCTGGCGGTTCCAATCAGGGCGCCCCCTACCTCCAAGAAGACTCCTCCCTTTTCGAA

>naRXA00230-downstream
TAAATCCATCACATTTACAGTC

>naRXA00232-upstream
GCTGAAAAAATCCCATTGACAAATGAACACTTGTCAAATGGGAGTTTGGATTTTCG
CACCACCGGCAGCACTCGAAAACGTGTTTACTTGAAC

>naRXA00232
ATGAACGACAGGGCTCACCAACGAATAGGCGACATCGAGCGATCCCAAGCCCTCGACCGA
CTTGGGTCATATTTGACAGACGGATACCTCGACATCGACGAATTCGATACCCGAACCGGC
GCCGCAGCAATCGCACGCACAGCCGGTGAAATAGATGTCTTGTTCACAGATCTTCCCGAA
CAACAGGCAAGCACCGCCGTGACACCCGTGCAAGACGATACCGAGAAAGAATTAGACCTG
GTCCTACAGCGAGGAAAGAAGCTCAAGCAGATCGACTCCGCCATTTGGGCTGTCGTGATG
GTCTCGTTCTTCTAGGCTTGTGTTGTTTCAACGTGCCATATTTCTGGGTTGTGTTTCATC
CTTGGCGGAGCGCCTCCGCGGGTGCGGATTTCTTGCTCAAAGTAGATGACGCCGATGAA
AAACTCTTTGAGGAATCCACAGCAAGGAACAAAGCGAAGCGAAGCACGCCTACGCATT
GCGGCACAACGTCGACGCGAGTTGGAACAA

>naRXA00232-downstream
TAGCCACAAAAGCTATC

>naRXA00233-upstream
CGCCTCCAGCAGTTGAGGGAGAAGTTCCAACACTTGACCAACTGAGGAAGCAACTGTGC
AATAGCGCTTTAGACACAGACTCATGACAGAATAGAAGAC

>naRXA00233
ATGAGTGTGAATGAAGCAGATCTGAACGCTGTGCAAGAGCAATTGGGAAGGGCCCCACGA
GGTGTCTCGATATTTCTTACCGCAGCCCTGATGGAGTACCGGTGTGGTGATGACCGCA
CCAAAATGGATGACGGAACCCCATTTCCCAACCCGTGACTACTTGACAGATCCACGCCTG
ACCACCGAGGCATCCCGCTCGAGGTGCGATTGGTAATGAAGTGGATGACTGATCGCCTT
TCCACCGACGAAGAGCTTCGTGCCGACTACCAGCGCGCCACGAGCACTTCTGGCAAAG
CGCAACGCAATTGAAGATCTCGGCACGGATTTTCCGGCGGTGGCATGCCTGACCGAGTG
AAGTGCCTTCACGTCCTCATTGACTATGCACTGGCAGAAGGCCACACCATTTCTCT

>naRXA00234-upstream
TTCAGGGCTAAATAAAGCGCTTTTCGACGCCCGGTAACCTCAAGGTTGCCGGGCGTCGT
TGCCTTACTACTGTTACTGGTGTGACTATGATCGAGGATT

>naRXA00234
ATGGCAAAGCAGAAGAAAATCATAAAGGCCCTGTTCTGTCTCAAGCAGGGAACGTGCT
TCAGAGTCAGTTTCTGTACCCGCGCCCCATTTAGATTGGGTGCCGTCCGCATCGGTGCA
ATCGCACTCGTAGTTCTTCTCATCTGTTTGTATCGCGATTCTGTGCGTAACATTTTT
CAGCTGCGCTCCGACATCGCCAAACAGAGGCTTCCATTGAAGCCAAAGAACACAGATC
AAACAACTGGAACTGACCTCAACAGGTACCAATCAGAGGCGTACATCCGCGAACAAGCA
CGCCTGCGCCTAGGCGTCATTGAACCTGGAGAAACCGCGTTTCAAGATCGTGGACCCAGCA
CTAGATACCGACACCTCAGTCACCTCTGACGGCAACGAAGAGAAACCACTGGGAGCTTGG
TATGAAAACCTCTGGGACTCAGTCACCAAGCCAGAAGCACTCGGCGAAGAGGAAATTGCG
CCTCCAGCAGTTGAGGGAGAAGTTCCAACACTTGACCAACTGAGGAAGCAACTGTGCAA

>naRXA00234-downstream

TAGCGCTTTAGACACAGACTCAT

>naRXA00236-upstream

AATGCGAGAGTTCTAAAACGAGCCGGTAACATCGACCCCCATGAGTTCAGGGGTTAGAAA
AGCAATGGGATTTGGATGCGGTTTCGGTTTTGGCCGTCATC

>naRXA00236

ATGGTGATCTCATTGTGGATGGGCGCTCAGCTTCATGGATGGAACGGCACCTATTTCGC
CAACTCCAGCAAATCCCTGAAGATGTTCCGCCGGCGCGTGGTGTAGAAGTTCCGCAAATT
GATACAGAGGCAGATGGACGCACATCCAACCATTTGCGTTTTTGGGCGGAACCAATTGCT
CAAGATACTGGTGTGTCGCTCAAGCGATTGCGGCTTATGGAACGCAGAGCTCATCGCG
AGTACTGCGTGGCTGGCTGCAATCTGGGGTGGGAATACCTTGGCAGGTATCGGCCAGGTG
GAAACCCGTCACGGTACCTACAACGGCAAATGTTGGGGGCGAGTTCCTGGATGAAAAT
GGAGTTGCAACCCCTCCAATCATCGGCGTTCCACTTGATGGTTCACCGGGGTTGCGGAA
ATTTCCGACACTGATGGTGGGGAATTAGATGGCGATACTGAATATGATCGCGCGGTAGGT
CCCATGCAGTTCATTCCGGAACGTTGGCGACTTATGGGATTGGATGCAAACGGTGATGGG
GTAGCGGACCCCAACCAATTGATGACGCAGCATTGAGTGCCGCAAACCTGTTGTGTTCC
AACGATCGTGACTTGTCCACTCCTGAAGGATGGACCGCAGCTGTTTATTCTTACAACATG
TCTAATCAGTATTTGATGGACGTTTCGAGATGCTGCCGCGTCCTACGCTTTACGACAGCCG
GCGATC

>naRXA00236-downstream

TAAAACTTAACAAGCGCAACCCC

>naRXA00237-upstream

ACTGGTAGAAGCTTTGATGATCTACATCACAATTTACAATGTGTGGTGAGTTATTCATA
TTACCCAAGGACTTAAACCTTAAAGGAGCCCTAAAAATC

>naRXA00237

ATGAAGCTTTACACCGCATCGCAGCAATGGCAGCAACCGCAGGCATCACAGTGGCAGCA
TTCGCAGCACCTGCTTCGCGATCCGACTTCGCAAACCTATCCTCCACCAACAAAGAACTG
TCCCCTCAGTACAACCTGGGTTGCTTGCGGCATCCTTGAGGGTGGCCTCAAAGCAGCTGGC
GTCCTTGAAGAAGGCCAGTACAACCGCGAGCTCGCAGAAGCAATCGCCGCAAAGGGTGAA
GGCTTCTGGACCACTCAGTTCCACAAAATCGGTGATTGGAACGAAGATCAGGCAGCAGCA
CTTGCCGACCGCGCACAACCTGTGGCCTAGTTAAGGCTGACACCTACCTTTCTGAGCTG
TCCTCCAACCTCTCTTCC

>naRXA00237-downstream

TAAAAGGTTTCGGGGTAACCCCA

>naRXA00238-upstream

AACAGTCACATAAATCACTTCAGTAACGTATGATTTTGACTGTTGTGGCTTTTGCCATA
TTTATTTTCAATTCATCTCAGTGATCTCTTAAGGAAACCC

>naRXA00238

ATGAAGAACTACGTTTCGCCACCATCGCTGCCGCTACCGTTGCCCTGACTGCGAGCCTT
ACCCCTCAGCTTCGCGACAGGATTTCAACCAAATCATCGACAACCTTGATTGCGGCATC
CTTCAGACCGCTATCTACACCACCGGCTGGCTCACGAGAACTCCACTCGCTCAGAGCTC
GCCGCTAATCTGCGCAACTCCGCAGCTGTGCGCCAACCTAGACTTCCATTGAATATCGCG
GCTACCGGCTACTCCGAGCGCATCGCTAACCGCGCACTGACCTGCGGAATCGTGAAGGAA
GATCCACAGGACTTCCTCTCCAGCTGCAGCTTCTGTCTCTAACCTATCTTCTTCTCTC
TTCATGCT

>naRXA00238-downstream

TAGTTTCTCTTGGGCTTTTCCTT

>naRXA00239-upstream

ACAAAGCGGATCAGATTAACAAGGTCCGTGACGCTGTCGATGAGCGCATTGGCAAAAACA
ACGGCGGCGAAGAGAATCCAGCCAAC TAGTATTAGGCGTC

>naRXA00239

ATGCGCGTCGTAGTTGTTGATCCTAAACACCCCGTCCTTCCAGTCTCTTTCCTCGAGGCT
GTTCTTGGGCGGGGTGAACCTGTTTCTATCGATCCCGATTTTCCATTTGATATTGAAAAA
TGGGGGATCAAGACGTCGACAAGCGCCTCCTGGTTTATCATCGCAAAACCGCAAAGCACG
CTGCTTATCGACGCGCCCTCAACCCTTTGCATGAGGCCGTCGGCGTCATGCGGGCGGCC
GTGGGCCGCGGAGTGGGAACGCACGCAAACCATGAGAGTTTGATTCCGTATCTGGAA
GAAGAATCGCAGGAGTTTATTGAAGCGATTTCATGGTGGCGATGATGAGCACATGAAAAGC
GAACTGGGGGATGTTTTGCTGCAGGTGCTTTTTTCATGCAGAAATCGCCGCCCGTCAGGGT
CGATTTCGACATTTTTCAGTGGCGGCGAGTTTCGTAGCCAAGATGCAATCTCGTTCGCCG
TACCTGTTTCGACGGCTCTACCGGAATTGTGGACACCGACGAGCAGCAGCGGCTGTGGGCT
CAAGGAAAAGCCCAAGAGAACTAAGCAGTGAAGAAGGAAGAAGA

>naRXA00239-downstream
TAGGTTAGAGGACAGAAGCTGCA

>naRXA00240-upstream

TCATTTAACGTAGTTGACGTACGGCGAAGTCGCTAAACTTCGCGTAATCTTGGGGCCAAT
TAATCAAGTGCAGATGAATTGTTTAGAAAGGCTGGAGACC

>naRXA00240

ATGGGTATTTTTCGCAAGCTAAGAAGAAGGCAACCGAATTCCTCGACTCTGATTCAGGC
GAGCAGAAGTCCGATGGACTGCTGGATAAGGCCGCGAGACAAAGCTAAGGGTCTCCTCGGT
GAAGACAAAGCGGATCAGATTAACAAGGTCCGTGACGCTGTCGATGAGCGCATTGGCAAA
AACAACGGCGGCGAAGAGAATCCAGCCAAC

>naRXA00240-downstream
TAGTATTAGGCGTCATGCGCGTC

>naRXA00242-upstream

GGATCACTATCGCTTTAAACACCGAAACCTTCCTGCTAGTTACCAAGATTTTAAAGTTT
TACCGCAATTTCTTGAGAGCTTTGGGAGGATAATGGCGGT

>naRXA00242

GTGAATGAATGGCGAACAGTCTCGCTTGTAGATTCCACGGCGCTGACCGTGATCATCAGT
GTGGCCGTGTTTACTTCTGCTGTGGCTCTGCTCGGAGTTGTGAAAAGCGCTCTCGGTGG
CGGGTTCTCGGAGCTCTCATCTCCTCAGCAGTTCTCACCAGTGGCGCATGGGTGGTTATT
GAAAAGCTGTGGAAGCCTTTCCCGACCCCAATCCGTGGACCATCTATCTTTCCGCTGGT
TTGGCGGTTTTTCTCTGTTGAGCATCTTGTTCCGCACTGGTCGTACAAGAATACTGATG
GCTACACTACCGTGATTGCACTGGTTAATACGGCCGCGAGTCATCAATGTCATCTACCAG
CCATACCCGACGTTGGGTTCTTTCAATCCCGTGCCAACGGCTGTGTCCATGTCGTATGCA
GATTTTGAATCTCAGACCACTGCCCCGACGATGGATGACCGTGAAGTCGGTGCCCTTGTG
CAGGTGCCGCTAGCTGGAACAACAGATGATTCCACCTCCGGCTTTGATGCGCGCGATGCC
TACGCCTATATTCGCGCTGCGTATTGGGATAATCCTTCCCTACAACCTGCCAGTTTGGTT
CTCATGCCCCGAAACCCCGGCCAGCCAGATCAGTGGTTTAGCAGTGGAAATGCCGATCAA
ACAGCAGATAAATTTCCAAGCAACCCACGATGGCATCAGCCCCATTGTCATCAGCGTGGAT
GGCACAGGATCATTCAGCGGAAACCCCTGCTTGCCTGGATTCTGATGCCCAAAGCGTGATG
ACATATCTATCCCACGATGTCCCATGTTGATCAAAACAGAAATTCAGTCAATCAGGAT
CAGCGCACCTGGACAATTGGTGGTTTAAAGTTACGGCGGCACCTGTGCTTTGCAGATCATG
ACCAATCACCCGAAGCGTATGGTTCTTTCTTACTTCTCGGGCCAGGAAGAACCAACA
CTTGGCACACGCCAGCAAACTGTTGATCAGCTTTTCGGCGGCGATGAAGACGATTCAAA
GCCGTTAATCCGGAAGATCTGCTCAATCAAGCAATCAGCTCAGGAGCGCATACCTACAGC
GGGATTTCCGGCAGGTTTATTGCTGGTAGCAACGATAAAAGTGCAGTGAGCGCGCTGTCT
CATCTTGATAATTTGAGCAATCAGGCGGGCATGTCCACCACCTTTGATACCGTGGCCGGT
GGA

>naRXA00244-upstream

AGTGGGAAAGTGATGATGCCACACACCGCCGGCGGATTACAGGATGGCAGTTCATCAGGG
GTTTAAACAGTGAAGATTTGGCAGAAAGCGAGATGGATAA

>naRXA00244

ATGAATGATCAGTGTGTTGGGAAGGCGACACTGGAACGCTGACTTTTGGGTCCAGGAAAGCT
CTGGTGCAATTACTCAAAGGTCCCATGGTGAATGCTTTGCAGCATGTTGAAGTGTGGCGG
GCTATCACCACAGATCAAGATGCGCTCAATGCTGTGCTTAACAATTTGTTCTCGAGTTG
GTTCTTGATGAGGATGCGGGTGTTCATTTACTCGGCCTGCCAATGGTAGACAAGAAGTA
TTGGTTGGAAATAACAAACTGAAGCGATGCCCAAAGTGCTGCGCACGGAGACGCTGTGCG
CATTTTGATACGTTGATCATTTTGATTTCTGCGCCAAGAAGTCAACATGGCGCCACCGGGG
GAACGAGTCATTGTGGATCGTGAAGAAATCCGCGAACAAGTGTGCTCTACCGCGTTGAT
GAAGAGCGAGATGAAGCCAAACTAGCTAAGCGATTTCGACGCTGCATTTAGGCGCATCGTG
GATTATTCATTAGCTAAAAAGACAGAGACACCTGAACGTTTTGAGGTCTCACCAGCACTG
CGCCAGATTTTTGATGCCGACACTGTGGCAGGTGTGCGCGCTGAGTACGAAAAATTTAAC
AAAGCAGCCCATGATGGAATGAAGAGGAACAGAAG

>naRXA00244-downstream

TGACCAGCGAACAGCTTTAGAT

>naRXA00245-upstream

ATGACCTTTGTTTGAAGTTGGTGCGGTGATGGGGGAGTGTGACCGGATTGGAACAGGAAT
GTACGACACGTGTCCACCCCTTCTGGAATAGTCAATTGGC

>naRXA00245

ATGACCGTTGTATCGCACGCGCTTGGGTTTAAGCGATTTAGGCAGGAATCCCTGGAGCTG
TCTTTGTTGCGCAGTGACAACCTTTCCGGTGGTGCTCGCCGTGGTAGCGCAGTATTTTCCG
CAGGGGGCTATCGCTAAGCCGGCCTCAGAGCTGTATCAGCTGCTCAGCGATGATTTTCCG
GTGCTGCGTGAAGAAGGATTTGAGCTGCCGAAAAGCCCGTCCGATTATGTGAGTGATTGG
GTGAAGTCCCGGTGGTTTGTGCGTCTCCGGGTAGTTCGCAGACTGGTGAGACCGTGGA
CCGAGTGAAGAGCTGTTGGCGGTGCTGGATTCCGTGCAGCGGTGGGATAACCCGCATCGA
AGCATTTCCGGCTCTCGAATTGAATCGTTGACGCGAGGCGTTGCAGACTTTGGCGTTGGA
TCGGACCCAGCACAGCGAAACGTTTAGCTGAGTTAGAGCGTGAACGCGACAGGATTGAA
CGCCAGATTGAAGCGGTCCACGCTGGTGAATTTGAAGTCCTCACCACCGTGCAGATTGGT
GATCGGGTAGCAGATATTTTGGATCTAGCAGCATCTATTCTGCAGATTTCCGCGAGGTA
AGGCATGAGCTGAGCGATCTGAACCGGAAGCTGCGCAGGCAGTTGCTTGATCCTGAAGAT
TCCCGTGGTGATGTTTTGGAAGAGATCTTCAGGGGAGTTGATCTGATTGGGGATTCCGAT
GCGGGGCGCAGCTTCAATAGTTTCTTTGATGTTTTGCTCGATCGGGAACGCTCAAGTCTG
ATTGATCGATGGATCAGAGAAGTTCTGGGACGCGATGAGGCTATTGATCTGGATTCAAAA
TTAAGGACAGGGCTGTACCGAATTTTCCGGGATATGAGGATGCCAGCTTCGAGGTCAAC
GGGGAATGACAGGGCTGGCTCGAAGTTTGCCTCACTATGTCACTACCGAGGAGTTTCGA
GAGAGCCGACGCATGATTCAGTTGCTTCGCGATACCCGAGTGCCGCTGCTAAGGCCGCC
GAGGCTGGTGAAGTGACCTCAATCACATGGACACACCACTCGTGCGCATTTGGTATG
GATGTTTCGCTCGATTGCGGGGTTGAACTGAAGAACCAGGTGAAGAACGCGTCGAAGAT
TTGCCTGAGCCAGTTGAAGAACAAGAAGTGAAGTCTTGATGGAACAAATTCGG
GCAAGCGAGATTGATTTTGAAGGAATTGGAAGAGGCTGTTTCTTTAGTTCTTGCCGAGCAA
TCGCACGCCACGATACCGAGGTACTAGAACATTTCCCGGCAACGCAAGGTCTCGCCAGC
ATTGTTGGATTGTTATACCTGGCGATGCGTGATGGTGTTCACAGGTCGCGCGCAAATA
GTGGAGTGGGAAAGTGATGATGCCACACACCGCCGGCGGATTACAGGATGGCAGTTCATC
AGGGGTTTTAAACAGTGAAGATTTGGCAGAAAGCGAGATGGATAAA

>naRXA00245-downstream

TGAATGATCAGCTGTGGGAAGGC

>naRXA00247-upstream

AACCCCTAACTACTGACCTCGCACCACTTGTTCAGCCCGTTACCACGCTGCATTGAGCG
CACTGCTGGCACATATCTAAGACCGCTAAGGAAATCAGCT

>naRXA00247

ATGCAGACATTAATCTTTATCGCCATTGCAGGCGTCGCAGCACAGCTTGTTGATGGCGGC
CTCGGCATGGGGTTTCGGCGTCACCTCAACCACCATCCTCATCATGCTCGCAGGTTTAGGC
CCTGCGCAGGCATCCGCCGTCGTGCACACCGCAGAGGTTGGAACCACCTTAGTTTCTGGT
TTAAGCCACTGGAATTTGGCAACGTGGATTGGAAGTAGTTGTCCGGCTCGGTATCCCC
GGCGCTATCGGCGCATTTGCTGGCGCTACCTTCTTGTCCAATATTTCCACCGAAGCAGCA
GCACCGATCACCTCCCTGATTCTTGCCCTGATCGGCATGAACCTAGTCTGGCGATTACAGC
AAGGGACGCATCCGCCGCGACTATTCCGATCGCCCGCACAGAGGGGATTTCCTCGGCGGA
CTCGGTATTGTCTGGTGGTTTCGTTGACGCATCCGGTGGCGGCGGATGGGGTCCAGTGACC
ACCTCTACGCTGCTGTCTTTGGGACGCACCGAACCCCGCAAAGTAGTCGGCACCGTCAAC
ACCGCAGAATTCTTAGTCTCCCTAGCCGCAACATTGGGGCTTCGTCTGGGACTGTGGGAT
GACCTAGTAGCTAACCTCTCTGCAGTTCTCGCGTTGCTCATCGGCGGCGCAATCGEAGCA
CCAATCGGCGCCTGGATGATCTCTCGCGTTAATGCAACCGTCTCGGTGGCTTCGTGGGC
ACCCTGATTGTCACTGAACCTGCCAAGGTGCTCAACGTGGTTGGCCTTGATTTTCATC
CCCACCGGCCCTCATCCAGGTCACCGTCTCTCATCGGCCTGCCGCTGACGTACCTCGGC
TTCCGCCGCTACCGCAAAAATCTCCTCAACGAGACCATCTCCAGCGAAGTTGTCTCCGAA
CCAAAGGGCCAAAAGATTAAAAGCACT

>naRXA00247-downstream
TAAAACACGCTTTTCGACGCCCA

>naRXA00248-upstream
TCCGGCGATACCTCGCAGCTGGCTTGTTGGCCACCGCCTACGCAATAACTGGTCGATC
TAGACCAAGTGTCTTAGGCAAGACCCATTTAGGACACCTC

>naRXA00248
ATGATTCCCCGTGATTACGCTTTCCCACGGTTCCCGCAAAAAGTCCGCAGCTGCAGGCATT
ACTGCGCTGACTCATGAGGCCGACGAATGCTGGAAACACCAGCCGTGGAAGCGCATTTA
GAGCTTGCTGAACCTTCCCTTGATCAGGTTGTGGCAACGCTCAGTGCGGAAGGTGTAACC
AGGGCAGCGTTGGTTCCCTTTGCTGTTTAGCAATGCGTATCACGCAAAGATTGACGTTCCCT
GAGGCAGTAAAGATGCTTCAGAAAAGTATGGTGTGGAACCTTCTCGTGGGTCCGCATTTG
GGCACTGGCTCCGATGTAGCCAGCGTGCTTGCGCAGCGGTTGAGTGCGGACGCCCCACA
GATGCCCATGTGATTTTGTATTCCGTTGGCAGCTCACACGTGTCCGCCAATGAATCAGTC
ATCGATCTTGCCACACCATTTGCTCTCCTCACTGGCTTTTCGGTTGAGGTGGTGCCCGCT
ACCGGTGGGCCAGGTGCCGGCGGCGCCGGAGTAATAGAGGTGGCCTCGAAACACAAGGCC
GTCACATCTGCCGCTGTTTGTACGGAAGGTTTGTCTGCTGGATCGGGCTATTGATCAA
TCCGCCAACATCGCAGCTGCCACCGGCACAACTTCACCTATTCCGAACCCCTAACTACT
GACCTCGCACCACTTGTGTCAGCCCGTTACCACGCTGCATTGAGCGCACTGCTGGCACAT
ATC

>naRXA00248-downstream
TAAGACCGCTAAGGAAATCAGCT

>naRXA00250
GCTTTGGGTGCTGCGTTGGGTGAGTTTCGATTTTCGTCGCAACAATATTGATCTGATTTTC
TTGCTGATCGTGTTCATTTTCGGTGGTTCCCTGGTTTGGTTCGGCATGGCCCGCAAGCTGGCT
GACGGCCACAAGCAAGCCAACACCGAGCCACAAGAAAACCCCGCAGTCCAGACAGCCCCA
GTAAAAACCCAGGAAGCCAGGAAGCCCCCAGAAC

>naRXA00250-downstream
TAATCTTTCCGGTCCGCCAGTTC

>naRXA00252-upstream
GCAGCATGGGGGTGTTGGTGGGGCCGGGGCTGACAGTGCTGACGCGGATGCCGTTGTTGG
CTTCTTCTTTGCGGAAGGCGTCGGCGAGTCCGCGGAGGGC

>naRXA00252
GTGTTTGCTGGCGGCGTAGATGGTGTGTCGGGGGTGTTGGTCCGTTGCCGGCGCCGGAGTT
GATGTAGATGACGCAGCCGGATGCCGCGCGGAGGGCGGGCAAGAGTTGGCGACTCAACTC

GGCCGGGACAATGACGTTGAGATCAAGGTGTGCGTGCCATTTCGGCCACACTGCCGGCTTC
GATGGTCGTGTACGCGCCACCGCCGCGGCGTGCACCAGCGTATCCACGTGGTCGAGGTT
TTT

>naRXA00252-downstream
TAGCTTGTGCGACGCTCCCTCTT

>naRXA00256-upstream
AATTAATCAATCAGAAAAACATATTGAATACTTATAAATTTCTGACATACTCATTAATGA
GATATTCGAAGTCTTTATCAAAATGATTAACAAAAGGAGT

>naRXA00256
ATGTTTATGTCGCTAAAACTCGCCGAATATTCGGCGCACTTGCTGTTTCGCTATCAATC
TCTTTCAGCCATTGCTACACCTGCAGCATCCGCACAAGAACTAGTGGTGAGCACATCA
GCAGTAAACGAATTTGGTGTAGTTACCAGTGACATCACGGCTGAGCAAATCTTCAGGCG
CAAGATCTAATCGCTGAGATGAAACAGTCAGAGGACATATATGAGTATTCGGTGCCCTTG
TCTGACGTTGAACAGAGATCCATCATTCGAGCTGTAAAGGAAAATCCATATCTCATTGAG
AACGAATCACCCCGTATGAGAGTCCAAAGTGAAACACCCGACGAGGAAACACCTGATAAG
AAAAAGCCGAGCAAAACCTACAAGCTCTATATGAGCATTCTCGAAATGATGTCATGTATC
AATCTTGTGTGATGTTCCGTCATGTGCCAAGCCCTTAAAGCGGCAAAATAGCTGAACGC
GAGGCCAAGGCCGTTACCCCGATTTCGGTCACTAATGGTAAAGGCGATGCCCTTCGTCAT
TGTGCATGGAGCGCTCTCATGACTATTGGAATCGGAAAAGATGCAGCCGAAAGAATTGGT
AACGCTCATGAAACCGTTGTGAGAGGTGAACCCGAAGAAAGAGAAATGGATCTCATCAAT
AACGCGCTGGGTAGAGACATCGGCGAAAGATTCATCATCAATGGCGATGAAACGGGTGCG
CTCAGTACTTGTGTATCCATGGCTAATATCGGGCTACTTCATACTCTGTTG

>naRXA00256-downstream
TAAACAAAGGAAGTTTCTATCAT

>naRXA00257-upstream
CATCATCAATGGCGATGAAACGGGTGCGCTCAGTACTTGTGTATCCATGGCTAATATCGG
GCTACTTCATACTCTGTTGTAAACAAAGGAAGTTTCTATC

>naRXA00257
ATGAAAATCAAGAAATTCAGCATCACAGCGCTAGCCTCAGTTCTAATGCTCACGGGTGCG
GCGACCAATCACAGCTCACCTCTGTACAGTTATCTGAATGCGTCAACATCAACCACTGTT
GAACAAGTACGTCTCAGCGATCTTTACGGTGAGCAGTGACCGAGTTCGCTCTGTCTGC
CCCTACACCACAAAAGACGAGGTAAAGAAAGAGCTTGGTATAAAAATAAACACCTACCTC
ACCGATTTCGACCGATGACAGTAGTAACGATATTGTGCTCAGGGATAAAGACGGTTCATAT
GATTGGATCTATTCAACAGATTCGACATTGTGTACCTCTGCAACGGCTCAGCGGAAAT
CTAAAAATCTACCCCATTTGATTAGTTCTAGAATTTGAGCATAGAGACGACTACGGTACC
TGGAACCTGAGCGCTATCACAGAGCCGGTAATCAA

>naRXA00257-downstream
TAATAACGCGGACACTTAAGTAC

>naRXA00258-upstream
TAATTAATATAATTAATGTAGTTTATTAACCTATTATGCAATGACATTTTTTAATAATTA
ACCACGTCACAACATTCTCTCAGATCACAGAGGTTTCGCTC

>naRXA00258
ATGCGCCACACCAGTCAGCCACATCAACTACATCTATTATTAAGCGTGCTATGACCATT
AGTGCCGCTGTTCTTATTGCCAGCGCTGTTGGTCTACAACCAGCGCAAGTTCGCTCAAT
ACTCTCAGCGCTACATCACCTGAATCACCCGATCAGGCAGCCACTGTGTACAGGCTGAA
TCAGATAGTGAAATGAGATGACGGCATGAAAAAGCTTGCAACCAAGATCCTTAATCGCGCT
GACAACGCTGAAAATAATGATGACACCGGCAAAAACCTCAACAATGATGATAAGAAGCTC
AACACGAAGCAGCCGAGCGCCCTGCTGAAAAAGTTGCCAGGCGATCGAGCTAAGCCTT

GATACCACCACGAATGCAGAAAAGCCTGATAAAAGTTTTACCATGAAAAACCCGTAAAC
GCCTATGTCAAGTGTGAGCTACAACAAAAGCAATGACACCTGGACTATCAAACCATCA
GACAGCGCGGTGAATACACCGACCAATGATGCTGAGCGCATCAGCAATATCATCCAAGAA
GCTCGCGACCTCGGTCTCAGCGACGATGAATCCTTGACGCAACAGATCGCATTTACGCT
CATGCTGCTAATTATTTAGTCACCGAATGGTACTTCGCGGCTATCAGCTTGCTAACCCG
AAGGTGCTTCCA

>naRXA00258-downstream
TGAGAAAACAACGACGCATGATG

>naRXA00260-upstream
GCAACAGCGGCTTGAGATCAGAAGGCGGAGAGGCGGACAGCTGCTAGATATTGAACG
TCAGCAGGTGATTGAGATCGCTATGGGCCGTTGGTGAAT

>naRXA00260
ATGCATAGCGAGCTGTGCTAGCGGGTGCTTCAATAAGAGCAAAAATAGGTGCTCTCGCA
ACTATTTACGGTGCTCAAACTTAGAGAATGTCATTCAGTCTAGTTTACTGACAGA
CGTATTTCTCCCGATGGACAACGTGCGAAAAGATTATTTGCGGAAGCTTGAGCGCAAAAC
CTTCTTATCCCTGATCCATCTTCTGATGTGGAAGCGTTTGCGTGAGCGAAAAGAATTCC
ACTGAGCTAGCGGGAGGCATATTCGTTGAGAAAATGCTATTTACTGTCCCGGACACAGGC
CGCTCCAATAACCGTGTCAGAGCTTCTCAGAAGAACTTCGTAACCACATTTCTTTGAAA
GATATGTATTCTACACAACGTGAAGAGCTATTAGACCTTGCTACGAGCTCATGGTGGGG
GAAGCAGTACGTTTTGCTAACTTCCGCCTTTATGATCAGAATCTCCACCACTTACTGAA
GCAAATATAGACAAATTGAGAGCCCATCTACGTGAGGCCGAGCTAGTGCCTCACTAGGA
GTGTTATATCTAATGGTGTGGCGATCTGTAAAAGACGCAGCTGCAGCGCACACTAAACAT
ACAAGAATGAGCAAAGAAAATGCGACAACGCATAGTGTTACAAAAGTTTCTATCTTTGTT
GACCAATTATTAAGCGGAACATTCCCTTGTTCAAAGCCTTTTCACGAATCTTCACAAGTC
CCACTGAGTGAAGCCACCAAGATAGTTTTTAATTTGATTATGGAGTCACCGCCGATGGAA
ACTGAGCCGAGTGTGCTGCGAAATTCCCTCCAAGAACTCGGATTGGGAGCTATTGCAA
CAGTGTGATGAGAAGATTCTGATCGGGAGTTTCTGATGGAGTGGTTATATCAAGAACAG
ACGTGGACTGCAGAGCAATTTTTTATGCTCTAGCTATGGTTTCTTCTAGCGAGTTTCGT
ATATGTGCACCTGGATGTGCGCATCAAGTAAGTGCAGACATCGCTACACAAGTCTTAGAA
TTCCACGATCGAGTGTCTTTCCATGACGATCGTAAAAGCGCCATGCTTGCTGCTGAAGCA
ACTATTATTGGTAACAAAATTGGTTTCAAGCACGGGCGGAGACTTTGTTTTAGGTGAA
GTAATCACCAAGCTGCAGAACATACCTGGTGAGGTA

>naRXA00260-downstream
TAACTTCTGCGTCGTCCAATTAG

>naRXA00261-upstream
AAGGTCAGCCGTATTTCCGTCAGTCAGCAACTAATTACGCTTATCTTCCGTGTACGATAG
ACCGTAGTTAACATAAGGAATGGAATAGGAGAATTGCGGC

>naRXA00261
ATGTATTCCGACAAGCTGATTCTCTTGTTCCTTTCTGAGCAGGATTCAAGCTATGAATGC
TGCGTAGGTTTATTAGATGGCTCAGATGGACGTGATTATATTGAAAAGCTTCTGAAGGGT
AGGAAGCTGAAGAACCATTTTCTTGAATGGGAAGATATTAACAAGGCTGATGTTGCTCGT
GAAGAAATATATAAAGGGCAATTGGTGATCTGGTGTGTTGTGACGGCTCTTCCACGCCT
GGTGAAATTTCTTTGTTTTTCCAGGTCAATCTCTCATGAGTGCAACACTCGAAGAAGAC
TTTGCTGCACTTGTGCTCGAAGAGGAGCGCACATTTAGACCTGATCTGTCTCACTTG
TGGTCACTCCCGTAGGGTGGGTAGCTCCGGGGCTTGAGGGTTTCGTGGAGCGTAATTCA
GAGGCAGCT

>naRXA00261-downstream
TGAACCACCGCTCTTTGAGCCGG

>naRXA00264-upstream
AAACCGGAAGGGCCSGTTTACTCCCCTACTTGGCGCAGAAATCCACATCAATCCAGGTGA

AGCAGTCATCTTTGATGTTGATCCACGTTTGAACACGGT

>naRXA00264

TTGCTTGTGCGATTCCGGCGACGTCCAACCTAGAAGGCGTCACCGTCGAGCCCACCCAGCTG
GCCTACACCGGCATCAATGAAACCCAACTCCGAATCCGTAACATCGGCACCACACCGGCG
CGTACTGTACTGCTAGGTGGCGAACCATTTACCGAAGACATCGTGATGTGGTGGAACTTC
ATTGGCCGCAGCCATGAAGAAATTGCCGAGTACCGTAAACAGTGGCAGGCCGAAGCTGAT
CGTTTTGGTATCACCCACGGATATATCAGCCACCACAAAGATGGGCTCACCAGGCTTCCA
GCACCCGAGCTTCCCAACGCTGCTATCAAGGCACGTAAAAACCCAGCACCAACTGCACGA
CCAGAAACGAGAATTGAT

>naRXA00264-downstream

TAAATGCGCTCCGCTCACGGCCC

>naRXA00267-upstream

CGTAGCGTTGAGAACTATGCGAACTCTAAGTCTGGCCTGGCCTTTTCCGCAGCTGCACT
ATTTT

>naRXA00267

GTGTCTGTGCGGTAATCACTCGTATTGCAAGTTCCCCATCATTTATCGCTATTGTGGCG
ATCATCGTGGCTGCGATCGCACTTTTTGTGGGTCTGAACAGTCGTGTGGGAACAAAGCTT
GTTGATCAGCCAGTGGTGTTCACCCAGGAACAAATTGATCAATTGAAAGAGTTGAAATCC
CGCGACCAGGAGCGGCAGCGATCCGTCAGGCGCAGCTGTGGAGTAGGGGATCGTCCAGC
GAAGCGGTGCGAGAGGCTGTGAGGAAGCTC

>naRXA00267-downstream

TAAGTCGACTTAAGTGCGCGAAG

>naRXA00271-upstream

TAGTTTAAATCATGAGACATTTACATATGGTTCTTTATCCGAGACATGTGTTGACGCTG
TCTGCCCCCTTTTGAATAAACACTTTAAGGAGATGTGCC

>naRXA00271

ATGTTTTCTTCCCGTTCGAAGGTACTCGCAAGCATCTTTACTGTTGGCGCCTTGGCGTTG
GCTTCGTGCTCAAGCGATTCCAGTGACAGCTCCACCTCCACTGATGCTGCAGGTGGCGAC
TCTTACCGAGTTGGCATCAACCAGCTTGTTTCAGCACCCCTGCCTTGATGCAGCGACCACT
GGTTTCAAGGAAGCTTTTGAAGAGGCAGGCGTTGACGTACCTTTGATGAGCAAAACGCT
AACGGCGAGCAGGGCACTGCACTGACTATTTCTCAGCAGTTTCGCTTCTGACAATTTGGAT
CTCGTGTGGCTGTTGCAACTCCAGCAGCACAGGCAACTGCGCAGAAATCACTGATATC
CCAGTCCTGTTACCCGAGTTACCGATGCAGTGTGCGCAGAGCTGGTGGATTCTAATGAA
GCACCTGGCGGAAACGTACCCGGTACTTCTGATATCGCACCGATTGAGCAGCAGTTGGAG
CTTTTGACGACAGCTGGTTCTTGACGCAAGTCCATCGGCATCGTCTACGCGTCTGGTGAG
GTCAACTCTCAGGTGCAGGTGATGAGGTACCAAGGCTGCTGAGCCACTGGGGCTGTCC
GTTAATACTCAGACTGTCACTACCGTGAACGAGATTGAGCAGGCTGTTGAAGCTCTCGGC
GATGTTGATGTCTACTACGTTCCAACCTGACAACATGGTTGTTTCCGGTATTTCTTCTCTG
GTTTCAGGTTGCTGAGCAGAAGCAGATCCCTGTGATCGGCGCTGAGTCCGGCACTGTTGAG
GGTGGCGCACTGGCAACCCTGGGTATCGATTACACCGAGCTTGGCCGCCAGACTGGTGAG
ATGGCTCTGCGTATTCTGCAGGACGGCGAAGACCCAGCAACCATGCCTGTGGAGACTGCA
ACTGAGTTCACCTACGTGATCAACGAAGATGCAGCAGAGCGCCAGGGCGTGGAGATCCCT
CAAGAGATTTTGGATAAGGCCGAACGCGTA

>naRXA00271-downstream

TGATCGGCGCTTTTGAGTTCGGA

>naRXA00272-upstream

ACCGATGCACCAGCCACCAACGCGTCCAAATCAATATCAGCCTGGCCCACAAGGTGGAAT
TCCAGTGGGTGGCCATCTGCCACAACCAGGTGCAGGGCAC

>naRXA00272

ATGCCGGAACCGAAACCTCCACGATGGGCTCCATCCAAAAGTCCGGTGAATGGCTCGTT
CCTGCATATTCGGCATACAAGCTCAACGGTGTGACCTTTTCTTAGATATCCGCCATGCC
ACCGCGGCTGCTCCTGTCTATTACCTTTGATGTCAACATGACCATGGGTTCTATGACGCTG
ATTGTTCCACCGGTGTGTATGTGGAAGTGCAGATGGCTTCCAAGAACTGGTCGGATTTT
AAGGTTCAAACAACCAATCCTCTCCCGGTGTCCCGAGTGTTCATCACTGGTGTGGA
CGCGCATCAGGGTTGAAGGTTTTACCAAGCATCCTCATGAGCCTTTTGGGTTCTGGCAG
AAAATGTTTGAG

>naRXA00272-downstream

TAGCCTCGGGCCACGCCGAACC

>naRXA00273-upstream

TCGGTCTTGGTGGCGGCTCCGTCATTAGTTCAGTAAGTAGTTTTTCACTCCCTGTTTT
GAGTTTTTTTCTCACCTTTATATAGATAAGGAATATTCAC

>naRXA00273

ATGTCTTTGAAGCTTAATTCTCGTCGTCTTGCAATCCATTGCTGTGCTGTTGCAGTCGGT
GTCTCTGGTGTGCTGTGTTGGTGCAGCACAGCTACGGCTCAGCAGGTAGGTGCTGGT
ACCCCGATTACGTTGTCAACCTTGATCGCACCGTTGTTGATCCAGTGACTGGTGACATC
ACCTTCCACTTACCGACGGCACTTTTGTACCCCTCAAGGCGGGTGTGATGGCAAGGAT
GGTACCGATGGCCAAGATGGTGTGATCGGCAAGGACGCAACCATTGTTGATGTCGCTACG
GAGTCCAATGGTGTGATGTCAAGCTCACCTTCTCTGATGGCACCGTCGTCACCATTCCTGCA
GCTAAGGACGGTGTGGATGGTGAAGATGGCAAGGATGGCGAGGACGCTACTGTGGTGTCT
ACTGCGACTGACGCCAACGGCAATATCGTCATTACGTTCTCTGATGGCTCTGTGCTTGT
GTTGCTAACGGTAAGGACGGCAACGATGGCTCAGACGGCCAGGATGGTGTGATGGTGAA
AATGGCAAGGATGGTGAGAACGGCGCTAACGCGACCATTTGTCGATCAGATTGCCAATGAC
GATGGTTCCATTACCATTGTGTTCTCCGATGGTTCTGAGGTCACTATCCCAGCGCCAGCT
AAGGGTGCCACCGATGAGCTGGCACAGTGTCTGCTGAACCCGAAGATGTTGCTGCTGGCA
GCAATTCCTGCTGCAGGTGCTATTGCTAACGCTGTGGCACCGGCGATCCCACGTGTTGTT
GAAGATGTGCGTGACAGTTCAATCTTCCAAGCCTCAACCCCCAGTTTGATCAGTGGCTC
TACAACGCGACCAAGGATATTGATGCAGGGTTGTTGATCTCTGGTGTGCTACCGGCTTGT
GTGCTGTGCGTGTGCTGATGATTTCTGTGGCGACATTGATGCCGATGACAACGCAGAT
GGTGACGTGGCGGCGAGAAAAGCCAACCTGGCTCTTCTGGGCTTGGATCATCTGAACAGAGT
GAAAAGGTTGATGGTGACGACGATAGTGTGATCGACACTGAACTGATGCAGATCTCGAA
GTAGAAGAAGACCTGAGCTTGTTAACGCAGGT

>naRXA00273-downstream

TAACGCCAGTGTAATGCTGGATT

>naRXA00274-upstream

AGTTTAAAAGTCATTAATTACTTTATGGGAAATAATAATTAAGTTTTATCTTTTAACTA
GTTACAGCATGTTATTACCTTTTATGAAAGGCGTTTCACC

>naRXA00274

TTGTCTCTTAATTTGAAGAAGAATTCTGCGCGTTCTATTACCGCGCTGACTGTTGCTGGT
CTGGGTCTGTCTATTGTTCTGCGGCATCTGCACAGGATGTTGCGGATGACACTACCAAC
TCCGATTCCACCCGTGATGCCATTTGTGCTGCTGCACCGCTTGTGTCAGGCGCAGCAGTG
GGTGTGGTCTGCTGTCTCAGCAGCCAGAATTCCAGCATATGGTGTCCCAGATTCACTCT
GACGCACAGCGCATTTGGGCAGGATCTCAGCAATCAGTTCAACAACCTCTCTGAATCGCTC
AACATTGGCCTCGGTAACGGCGTGCACGGCCACAGCAGAACGCTGTGCAGGGTATTGAT
CTCACTGAAGCAGCAGCAACCATGGCTGGATGGAATGACCTGGCGGCACAGGTGGGCCAG
ACTGCAGGCCCTGCTATCGGCGCTGTTGCTGGTACTGCCGGCCTGATCGCACTGGTTGAC
TACTGCTGGCTGGAAGGCTTCGACTTCGCGGGTGGCTCCAGTGGCACTGATGGTGAAAAAT
GGTGTGATGGTCAAGATGGTACCTCGATACCATTACTGAGATTAAGACTGATGATGAC
GGCAATACCATTGTTGTCTTTCCGATGGTCTGAAATCACCATACCAATGGTAAAGAC
GGCGCTGCTATACCAATTGTTAATACTTACCGCGACGATGAAGGTAATACTGTTGTTGAG
TTCTCTGACGGTTCCACCATTGTTATCGACAAGGGTGAAGACGGTAAAGATGGAGAAGAC
GGCAAGGACGGCGAAGACGGTAAGGACCTTACCGTAACTGATACCTACATCAACGATGAT

GGAGACACCGTTGTTGAGCTTTCCGATGGTTCACGATCATTGTAAAGAAGGGTACCGAT
GGTAAGGACGGTGCTGACGGCTCTGACGGTGCTGATGGAGTCAGCATCACTGTGGAGAAC
TCTTATGTTGATGCGGACGGCAACACTGTTGTGCAATTCTCCGATGGCTCCAATGTGACC
ATCAACAAGGGTGAGAAGGGCGACAAGGGTGACGCTGGCGCCGATGGCGAAGACGGCGCA
GATGGTGAATCAATTACTGTTGTTAACACCAGCAACGATGCTGAAGGCAACACTCTTGTT
GAGCTCTCCGATGGCACTGTTATTACCATTAAATAAGGGTGATAAGGGTGACGCTGGCGCC
GATGGTGAAGATGGAAGTAATGGCGCAGATGGCGAGTCCATTACGGTCATCGAAACCCGT
TTCGATGCGGACGGCAACACTGTTGTGGTGTCTCGAACGGCACTGAAATCACCATCAAC
AAGGGTGAGAAGGGCGACAAGGGGAGATACCGGCGAAGACGGTAAGGACGGACTGACCCCG
TACATCGGCCCAGATGGTAACCTGGTGGATCGGTGAGAACAACACCTGTACTGCTGCACGT
GGCAATGACGGTAAAGACGGTGACACCCACGCATCGGTGATAATGGTAATTGGTGGATC
GGCATCGTTGATACCGGCGTTCCTGCTCGTGGTCAGGATGGCGCCAACGGAGCCGATGGT
GCTAACACCGTTGAGATCATTAAATGGCTACTGGTACATCAATGGTGAATAACCGGTGTC
AAGGCAGTTGGTGAATAATGGCACCAACGGAGCCGATGGACAAGACGGTGAATAATGGAACC
AACGGTGCTAACACCGTTGAGATCATTAAATGGCTACTGGTACATCAATGGTGAATAATACC
GGTGTCAAGGCGCAGGGTCCAAAGGGCGATAAGGGTGACACTGGTGACACGGGCGCTCCG
GGCGAGGGTTCGGTAATGTGGACATTGAGATCCGAGAATCGAGTTATCCAGGTGGTGGC
CAGGCCACCATCATCTTTGATCAATTTGAATATGAAATCCCGCACACTGTTATTGGT
GACAACGGTAACTGGTACATCGGTGAAAAGGATACTGGTATCCAGCTCAGGGTGGCACT
GGAACACCTGGTGAGGATGGCCTCACACCACACATTGGCGACAACGGTAACTGGTGGATC
GGTGATACCGATACAGGTGTCTCTGCAAGCCCGACCCCGTGGTGAGGCGGTAGCGGGT
GTCATGATGTGGTCTTCAACACTAGTGATGAACCAAGACCATTACTGCAACGATCAAT
GGTGAAGAATATGATTACACCCTTCCACCACATAGTGCTGTTGTGTTCTACGCTACAGGT
TCACCAATGGCATATTCTCTACCGAATGCATCGGGCCTCACTGTTATAGGTACTGAAGAG
ACTCCTGGTTTCAACCACTATTTCGATTCACTGACCATTCCTGTGACCATTCACATGGA
CGAGATGGCACCAACGGTACTAACGAACGACGGTAAGGATGGTCTCACCCTGCACATCG
GTGAGAACGGAACCTGGTGGATCGGCGAAAAGGACACTGGTATTTGACAACCTTTGGCG
GTGGCGGCAACCTGGTACCGGCAATGACTGCATCACGGTCCAGGTGATGATCTTGGAT
TCCCAGATGATGCTGAGGCCGGTGCAGAGACCGGTGCAGATGCCGAAGGTACTATTGACT
AAAGGTCATAGAGCAACGACCATGACTGAT

>naRXA00274-downstream
TAAAGTCGGAACACAACCCCTAG

>naRXA00275-upstream
CTGACGCAGACGTTGCACAGCTCGCAACCGCTATTGACGAACAGAACCGCCCCACAAAGA
GCTGTTCCCTACGGCAGATCGCAAGGAACCTATTCGCCTGG

>naRXA00275
TTGGATAAGCGTCGCCCAGAAATTAAGCGACGATTTTCATCAAAGCTTTTGATGATTTTCCTT
CATTCTTTTGCCTGCCTGGACAAAACAACGATCACCCCTATTGGCGCAATCACCGGTGCGC
ACATCCACTGGCTATACAGGTACTTTTATCGGCATCCCCAATAATGAACCACTGTCCGAA
GAGCCCACCCCAACCTTACATTGTGCACGATAATCACACAGGGATAATCCACAGTTAC
CCCGCACGAATGATTAATCTTAAATCTGAGCTCGGTCCGCTGAGATGATTCACGAGGCA
ATCTGGGGGTACCCCATCAACAGCAGTTAATCTCATGGTATGAGACTTACTACACCAAC
ATCTACTATGGTTTTAACCCACCACTGAACCAACATAAGAGTCTTGAGATTTTGTCTCAA
GACTTCTGTCTGACCCCAACAGAGAAACCTCCTTTTTC

>naRXA00275-downstream
TAAGGCAAGGCCCGTGCCACACA

>naRXA00276-upstream
GGCACACTACCTTACTACACCGCAACCCAGCAAACCTGCGCCATGGTCGCTTGCCTA
TAAGTATCAAGCCATCAGCAATGATGATTTTGACAACCAT

>naRXA00276
ATGGATGACCTCAGCAGTCGCAAGACCATGAAGCCTACGGCACGTACAACCCCGATAAC
GGTGTGATGCCGATCATGTATCGTGCCCTTACCCTATGAACCATATGATGATGCTGCG
CCGATTGATCCTTTCGACTACGACGAAGATCTTCTCGATGAGATTAAAGAAGAGCGCGCT

GCACATGCGGTTGACGCACAAGTAACAGAAACAACTAAAGCTGACGCAGACGTTGCACAG
CTCGCAACCGCTATTGACGAACAGAACCGCCCCACAAAGAGCTGTTCCCTACGGCAGATC
GCAAGGAACATTTCGCCTGGTTGGATAAGCGTCGCCCAGAAT

>naRXA00276-downstream
TAAGCGACGATTTCATCAAAGCT

>naRXA00279-upstream
TGGGGAGCATTCAGAGGTGCCTAATCCTCTGGATGATTCTGCGGTGCAAAATTCAGCCCC
ACATTCAGCCCCACATTCAGCTCGGACCCGGTTGGAGTTT

>naRXA00279
TTGGATACCGATGACTCGCCTGATCATTGGCTTGATCCGTTAACGGAGAAGGATACTTCT
AAGCGCACTCTCGTTAATTCGATTGTTTCAGGAACTTTTCGGCCAGCCTATTTTTGTTGCC
CGCAAGATTTGGGCTTTTCGTCAATACGTCGCCGGGCCGGATGACGTTGATGACGATTATC
ATTTTCGATCGCCATTTTTGCTGCTGGTTACGCCATGTCTGGTGTCTTCGGATACTAGGCAG
TCCAATTTGGATGATTTGATCACTAATGCGGAGCCTGTTTCCCTATAACGCGCATGTGCTG
TATACATCATTTGTCGGTTGCTGATACCACTGCTACCACTGGTTTTGTTTCAGGCTGGTGTG
GAGGGCCCCGGTGAATCGGGTGAAGTATCACACTGCTATTGATCGTGTCTGCGGTTGCTGCT
ACTCATACTGCGGCGTCTGCGGATAGTAGTAATGAGCATTGATGGAGTTGGTGTCTGGAG
ATTACGCGTCAGTTGCCGGTGTATACGGGGTTGGTGGAACTGCTCGGACTAATAACCGT
GCGGGTAATCCCGTGGGTGTGGCCTATATGCTGAGGCCAGCGCGATGATGCGTAATGAA
ATTTTGCCGATGGCGTCTGAGCTTTACAACTGACGAGTCTGCGGTGTCTGATCAGCAG
CGTTCGGTGACGGGTCCGCAGTGGTTTCCGCTGTCTGGATTGCTTGGGCTCTTGCCATG
TTGATTGTTGCGCAGTGGTGGTTGATGCGGATTACGCGCAGGCGCATCAACAAGGGGTTT
GCCCTGGCCACGGTGATGATGATGACGGCAACGTTATGGGTGTGAGCTGCAAACTGGGCG
ACGTGGCAGGCTGGCAGCAAGGGTTTTGAGGAAGCGTCGGGGCCGTTGAATTCCATGACT
ACGGCTCGTATTTATGCGCAGCAGACCCGCACGACGAGACGTTGTCTGGTGGTGCCTAGG
CAGTCGATTACGGGCAGTGGCACTGGTTTTACCGCAACGATTAATCAGATTAAGCGTGCG
CTGGATGAGTATGAAACCACTGCGCAGTCACAGACTCCGGAGCATCAGCAGTTGATTACG
GCGATTTCGTAATGCGATTGCTGATGGACTGCCGATCACGATGAGTTCACGGTGTGTTG
GCGTCTGGTGATTACAACGGTGCGGTCAATGCGGTGCTCAACAAAGATGAGGAGGGCCAG
ACCAGCTTTGATGAGCTCGATACTGCGCTGGCTGAGCTGATCGCGGATTCTCGCAGCTCC
ATGCGTTTCTATATCCAGTCGGGCCGTCAGGCCACGGAGTTGGTGTCCGTCATGGTGATG
ATTCTGTCTGCTGTTTCTGTGTTGGCTTTGTGGGTGCGCATCCGCCCCGTTTGCAGGAG
TACTTA

>naRXA00279-downstream
TAAATGCACGCTTTTCGACGCC

>naRXA00282
ATGAGCCGCGACGACGACGAACAACAACGGTGAGGGCGACGACACATCGCGCGAGCAG
TCCTGGGATCAATCCTGGCAGAACCATAAAGGATTCCAGTACGGTCCGACCTCGCAT
CCGGAGGACGCGCCGGGAGGATTCCAGGGAAACGGCCAGGGTAACAGCCGGGGCAACGCT
CAGGGCAATGGTCAGGGCAATGGTCAGGGCTTTGGCCCCGGTAATGCTTCGGGATATGGA
GGCTACGGTCAGCCATACCCGCAGACTCCGTACCAGAATTCCTACCAAGGTTATGGCGCT
ACTTCACCGCAGAACGACGTGGCGCTGGAAGCGAGCAACGGCAAAGTCGACATCATGCGG
GCGATTTCGCTTCGGATTCAAAGCCACGTTTGCCAATCCAGCAGTGTGGATTTTGGGCACC
GTCGGTCTTGGCCTTGCGTTTCATGATTGTGAGTGGGTGCTTGGCTACTTATCATTTTTTG
ATCGACCCATAATGCGGGCACGACGACTTCTGGTTTTTCGGTTTCCGAGACCCTGTTGAAC
GTAGCTATCGGAATCATCACCTTCGCAATAACCATTTGCGTCATGCGCGGTGCACTGCTT
TCTGTTGATGGACACAAAGTTCGCTTCGGTGATTTCTTTAAACCCATCAATGTTGGTCAA
ACAGTGATTCTGATGGTGGGGCTGGGTATCTTCGGCATCATCTGGGCACCTTCACCACT
TTTCTCACTCAAAATCTGGTGTGCTTTAATGACGCTGCCGGTACCGTTGAGGTCAATAAC
AGCGGTTTA

>naRXA00283-upstream
GAAGCTCCGTTTCATTTACGCCACTCTCTGGGCGGTGCGCAGGCTGATTCCGGTGGAGTTCT

ACGGAAAACGTCCACAGACCTCATTACCTGTGGTTTTGCG

>naRXA00283

TTGGCATTGGCGTTTTTAGCGCGCTATGACGCCCTCATCATGGCCTTCGTAGCCATGTGG
 ACTGTCCGATTATGACATGGCGCGCACGATACCGCCGTGGCTTCCGCGACCGCATCGGA
 TTCGCACATTGTCGACATGCTGCTCCTCGTCTGGGEEGATCGGCTTCGCCTTCGTGCGCTGG
 ACTGGCGCCAGCTGGCTCACTACCGGCGAACTCTTTGCCAATTACCTCCACAGACGGC
 AACGCTGCGATCATCGCAGCATCCGGCGGGCGGCCATAGGGCCCCAAGCGCTTTTCGAC
 GCCTCCGTCCGCACCTTCCTCATCTCCCAGCTCTCCTACTCGTCGCAGTAGTTGCAGTC
 TTTTTTGCTTATCGACGCCGCGACCCCGAACCATCATCCCCTTAGCTCTCATCGGCTCT
 GTGGTGTCTTCCAAATCATTACCTACTCACTTGGATCTACCTTCGGCCTGCTGCGCTTT
 TTCCTACCGCCCTGCCGCTCACCATTATCTTGCTGTTCCAAATTATCCCGCCCCGCCAC
 CGATTCCCCTCACTGCGACCGAGGTGCGTGCTACCGCGATCGCGTCACCGGCAAGTACGTG
 CCCAAAACAATACCCGGTGTTTTAGTTCTCGCGATCTTCGGCGGCACCGGCATCACCTG
 TACGGCATGAGCAGTGCTAACTGGGCGCCCCAGGAATATGCCATCCAAGAACTAGTTTTTC
 AACATGGGATCGCCATCGCAGGACGCCGTCCACACCCTGAACACCTTCTCCACTGAAATG
 GATGTCGCCGATTTCGTGCGACTCCCTAAACCTTGAGACGGCGAAGTCCTTCTCTCCACC
 ACCTACGGCTTCGCGCTCCTCACCAGCATCAAACAACCAAGCAATTATCATCCCCCTCC
 GACGAAGACTTCATCACACCCTCAACGAACCCGCTGAGCACGGCGTTAAGTACATCCTC
 GCCCTCCCACGCGAAGGTGCGGGCGCCACCGACCCGATCAACCTGCGCTACCCAGACATG
 TATGAAACCGGCAGCCACATCGCCACGATGGAAATCGAATTCATCAATCAAGGCCAAGGA
 CAACCAATTTGGCGCTCTATCGGGTGCTCACCACACCTGAACAGTCG

>naRXA00283-downstream
 TAGACTCTTTGTAACCTACCGTTG

>naRXA00285

GGAAGTGAATTGGGCGCATTGTTACTGCGTGCTCTCAACAGGGAAGAAATGATGGACAGA
 TTCGCACGGGAGCTGGGTTTTTTCGTCGACAAGCAGCTTGAAGAGGTGAGCGCATCAAC
 TGTACCCATAACTACACGGTCCAGGAGGAGCACTACGGCGAGACCATTGGCTCACCCGT
 AAGGGTGCCGTGTTGGCGGACGAAGGCACGCCGCGCTTGATTCCGGGGTTCGATGGGCACC
 GCGTCGTACGTGGGCAGTGGCAAGGGCAACGCCGAGGCACTGCGGTGCGCGCCGATGGG
 GCGGGCCGGAGGATGTACCGCAACAGGCTAAAAAGCGCTTCTCGACGGCCGACCTGGAT
 TCTCGGATGGCGGGCATCGTCTACCGGCCCGCAAGGAGTGGATCGATGAAATTCGGAC
 GCTTACAAAGACATCGATCAGGTGATGGCCGATGCTGCCGATTTGGTGACAATTCGCCAT
 AAATTGCGCCAGATCGTCAACGTGAAAGGCACC

>naRXA00285-downstream
 TAAAGCGCATTACGGTAAAGTGC

>naRXA00286-upstream

CCATAAATTGCGCCAGATCGTCAACGTGAAAGGCACCTAAAGCGCATTACGGTAAAGTGC
 GAGAGGTATTTGACGGGTTTAGATTGAGGGATGTGGATA

>naRXA00286

GTGCTGAAAATCCCACGGCTGCTTCTACGCCGTGTGCTTCCGGTACTCATCACCTTGGCG
 CTCCTGTGCGGACTGGTGCTTGGTGCTTTATCTATCCTGCGAAGGCTGAGCCCAAAAAA
 GATGATGTAGTTCTGGTGCTGGCCGGTTCCAGCGATGGTCGACACGAATATGGTGCCGAG
 CTTGTTGAAGAAGGCTACGCCAGCAATTACGTCGTCTCCAACCCGAGTGGCTCCAAAGAC
 AAAGTGGGATATGCCCACTGCGCAGGAAAGTCACGGCCAAAAAATGCGGAAAGTTTCTGC
 ATGGATCCTTACCCCGTGATCACCTCCGGCGAAGCCCGCACGTTTAACGAGCTTGCCAAA
 AAGGAAGGCTGGGAAAGCGTATTGGTAGTGACCAAGCCGACGACACCCCAACGCTTCGC
 ACCATGTTTGACCACTGCTATACCGGTGATTCCACAGTGCTCAACGTCAACAGCCTAGGA
 CGTACCGGGCTTCACAAATGCAGTACTCCACGAGATTGGCGGCTTCATTAAATTTTGGATT
 ACCGCTCCGTGCGCGGACACAAAC

>naRXA00286-downstream
 TAAGGACGTTCCAGCTCCAACAG

>naRXA00294-upstream
 TTGTTGGTGTGAGGTTGGGTTTTGTTCATCCTGAATGCTTCATTTCTACCCCTCGTGGGTAA
 AGTTGGTGCCGAATCAACAATCTCTTTTGGAGGAACTTTA

>naRXA00294
 ATGAGCATTTCACGCAATCCTGCGTGGTGTGTCTGGCGCTTATATTCTGCAGTCCGGC
 TACGGAAAACCTGGATTGCCTAATGAGGCCGCTGCTGGCATTACAGGGTCTAGCTGCAACG
 GGTATCCCAGCGGTGGCTGATATGGATTGAGTACTTTTCGGTAAGTTGTTGCCTACTCG
 GAGTTGGGTATCGGTGGAGCTTTGCTTGTCTCCATTTATCCCTAGCCGTCTTGCAGGTTTG
 GGTCTTGGTGCTTTCTCTACAGGTTTGTGGCCATTTACTTCCGTAACCCAGCGATGACT
 CAAGACGACGGAATCCGCCCTTCCCAGGATGGAACCGGATTGTCTAAGGATCTTTTCCTT
 GCTGCTATTGCGGGTGCTTTGGTGTTCGCACCTGCTAAGAAGCGTAAGAAGGCGAAGAAC
 AAGTCTAAG

>naRXA00294-downstream
 TAAGCTTGCTTGAACGGCGCTTG

>naRXA00297-upstream
 AACAAAGGCACCGGAAAACAAGCAACGCACCTTGCAGAGGTGGTCTTAAGCATCTTGGAGC
 AAAACAACATGGCACAATAACGATCATGCAACAGGTGCTC

>naRXA00297
 ATGGGTTTCACGGTGGTGTTCATCGTCATCGGAATAGGTGGATTCTCGGTAGAAGAGAC
 ACCTTGGGCACACATGCCCAGAAACCTTTGAGCCTGTTTGTCTATTACGTGGCCACCCCA
 CGGTTGTTGTTTGATCGGGTCACCAAGTCAGATACCTCGACGATTTTCTCTGAACTTC
 GTGGTCAATTGCACTCTCTGCGTTGATCGTAGGTTTCTGTTTTCTACTCATGCGGTTT
 GTGATCAAAAGAACTGCCGAGTATCGGTGATCGGCATGCTAGCTGCGTCTACGCCAAC
 GCCGGTAACCTGGGTATCCCTTTGGCAGCCTATATTTTGGATGATTTACCGTGGTGATT
 CCCGTGATTTTGTCCAGGTGGCGTTTACGCACCGATCACCATGACCATCATGGAGATG
 CTGACCAACAAGAAATCCACCAACTTGGTGCGCAACCTCCTGGTCACGCCACTAACCAAC
 ACCATGGTGCTCGCAGCGATTGCCGGTATTGCTGTGTCTTTGACTTCGATGAGCGTGCCC
 GTGGTGATTGCTCAGCCAGTGGAATGTTGGCGAATGCTTCAGTGCCACTGGCTTTGGTG
 GTGTTCCGACTGTCTTGTCCAAGAGCAAGATCCTGGAAGGGGAGGTATCCAGGCGC
 GATGTGTTTACGCGGGCACTGTTCAAGAAATGTTCTGCACCAATTGTTGCGGGACTTTTA
 GCCTTAGCCTTTGGTATGGAAGGTACTGCCTTGTGTGCGGCGGTGATTCTCGGTGCACTG
 CCAACAGCGCAGAATGTCTACACCTACGCGTTGCGATTTAGAACAGCTGAATCGATGGCG
 AGAGACACAGGGGTGGTCACCACACTCATTTCCCTCCCCGTATTGGTGGCGGTCTCCATT
 ATCTTTGGATCT

>naRXA00297-downstream
 TAGGGTTAGCATTAGTGGTCATG

>naRXA00318-upstream
 TCTTAGAAGGCGTAGTCACACCATTAACTTGCCAGAATTTTCAAGGCTTGCTTGACT
 TGGGAAACGAACATGCGGTACCAACCAGGGGAGGTAATGC

>naRXA00318
 GTGAGTGATGTAACCGTTGGCGATATTCTCCGCATTTTGGATGAGGCTTATCCGCCGGCG
 TTGGCGGAAAGCTGGGACAAAGTGGTGCTGATCTGCGTTGATCCAACAGAGTCGGTGAAG
 CGTGTGGTTTTAGCACTCGATTGCACCCAGGCACTGGCCGACAAGGCTGTGGACATGGGT
 TTGGACATGCTGATCATTCACCACCCATTA

>naRXA00320-upstream
 AACAGACCCACTCTAGCCGTTGCGGGTTCTTATTGAGGTCTATAGTGGGGTGCTACACAC
 TACAAACCGTGATTTGTTTCGTGATTGGAGCTGAGCCAC

>naRXA00320
 ATGGCTAAAGAAGATTTGAAGTGGTTCTACGATCTGGCAACCGGCAAGGTTTTTCAAGGC

AAGGTTTCCGGCTTTGAAACCCGCATGGGCCCATATGACACTGAAGAGGAAGCCCATCAC
GCCATCTCCATTGCGGCAGCCGAACCAAGGCAGCCGAAATTTGGGACGACAAGGAAGAC

>naRXA00320-downstream
TAAAAAAACTGGGGTCACACTT

>naRXA00321-upstream
CAAAGACAACACAGGTTCCCTATGAAAACGGGGAACCTGTTTCACCTACTTTTAAATCAC
GCTTCACAATCACATAAGTCTTTAAAGGATGGATACAACA

>naRXA00321
ATGGGCCAGCATCTAGAAGTGGAACCTAAGTTTCCGTCAGTGAATCAACTCAGATTCCA
CAACTTGAGGCTATCGCAGAAGTCGACCACATGATCGCACCGAAATCCACCAACTAAGC
GCTGTTTACTTTGACACCGTAGATTTGCGCCTCACCCGCGCAAAAATTACCTCCGTCGC
CGCACCGGTGGAACGATGCCGGCTGGCACATTAAGTTCCCGGAACCATCGGTGCGCGT
GAAGTCCAAGCCCCACTTGATGGCGAAGGCGCAACAGAAACCTCCCTCCACGTGAGCTC
TTGGGACACATCCGAGCGCTGATCCAAGGCCGTGAGCTGACCCCTATCGCCAGGTGGAT
AATGAACGCCACATGTCTTACCTCGCGGATGAGGACGGCGCAGTCATCGCAGAATTCTGC
GACGATCATGTATCCACCGTGTCCACCTTCCAGGTGGCGTGCGCAAGCAGTGGCGTGAG
TGGGAATTCGAACTCGCTGATGGCACCTCGCCGAAGAAGCCATCTCAGTACTGCTGCAA
TCTGCACAGTCAGTCTGACCGCAGCTGGAGCTTTGTCTCCAACAGCCCATCCAACTT
GTTTCGGCGCTGGACGAATCAGTCAACCACGCGCAAAGCCTCCACAGATGGCGCAGCTG
GACAAGAATGACCCAGCACGTGGTGTCTTGCAGCAATCGCAGCCAACGCCTCAAAGATC
GCCGAATACGATCCTCGAGTACGCGCCGATGAATATGATTCACTCCACAGATGCGCGTA
GCTACCCGAGAATAACGAGCCACCTCCAAACCTTTGAGGGCATCCTCGCGGCGAAGAC
TACCTCAACCTGGAAGGAAGTGAAGGTTCTCGCCAACATCTTGGGTGCGGCACGCGAT
GCTGAAGTTGTGGAAGAGCGCCTCAGCAACCTGATTAACACTGAGGTTGGCGACTCCATC
GAGGAGGAGACTAAGAAGGAAGTGTGAAGATCTTGGTGAGAATACCGTCGTGAGCAT
GAGCGAGTAGTTTCGTGCGCTGGATAATGATCGCTACACTGATCTTCTTCAGGCACTGGAA
AACCTCCTTGTGATCCACCGCTGATCACAGAAGTCGAAGAACCCGAAGCTACCGAAGCC
CCTGAGTCCGCTGAGACTACCGAGTCCACTGACGTCTCTGAAGCAACCGAAGAAGCAGAC
GCAGAAGCTGAGTCTGTGGAAGAAGCTACTGAGCAGGAAGAATCAGCAGACGCGCCTGAA
TCTGCAGATCTGGACGCTCTCGATGAGGAGTACTCCCTGGTTCCCAAGCGCCGGTGGAG
GAGCCGAAGGAACCGAAGAAGGTTGATGCTGCTCTCGTACTTCTAGAGCACCTTGATAAG
GCGCACGTGAAGCTCGTCAAGCTGGAAAAGAAGGCTCGCTCACAGTGGGATGATCTCAGC
ATTCCGATGCTGGAGCGGGAAGAAAACCTCCACAACCTGCGCAAGGCTGCCAAGAAGCTT
CGCTACAGTGCAGAGGCACTGGGCAAAGCAACCACCGTTGAGACGAAGAACTGTACAAG
GCGTGCACTGGTTTGCAGTCAGTTCTTGGCGATTACCAAGATGCCATTACTTCCCGTAAT
GAGCTGTTGCGCCGAGCTCAGGTTGCCCGCCGCAAGGCCGGGATACCTTCGCATACGGA
ATCCTCTACCAGCACGAACAAACCTGTGAGGGGAATACCTGACTGGTTATTCGGATGCG
TTCAAGAGCGTAGAAAAAGCCTATGCAAAGCTGGCTGAAGATACCGCAAGCGTTCAAAG
AAGAACAAGCGTAAG

>naRXA00321-downstream
TAAACGCAGGCAATAAAAACTG

>naRXA00322-upstream
CGCGGTTTTTTGATGACACGGGGGTGGGAGGTGTCCAGCTTGGGTGGTTCACTGAGAACC
GCACCGAAATTAGAACACTCCTACGAATAAGGAAACCGCA

>naRXA00322
ATGACTCTCTCCCACTTCTCCGACAACGTCACCGACGCACAAGACTCTTACCGTCAGATT
TTAGAAGAAAGCATCATCAGCCACCTAGGTTTCTGTGCGCTTCGTGGGTGGACTCCCGCC
GATCTCCGCCATGAGTTTCCGCGGATATTGATCCACTCCTGTTTCACGCGCTACCTGAG
ATTGCTTACTCTGCTCCGATGAGATGTACACACTGTGGGTGAACGGAACGCGTGCCGCC
GAACTAGCCACTTGCCGGTGATGACCCTGGAGAAGATTCTCACCGAGCTACCGAAGCTA
AGTACCTTGCCGTGACTGGGCAATGCTCGCAGAGCTCCACGCCTTAGACAATCAAGACACC
AGCCCAATGACCCCGGCACAGGCCAAAGCGCATCATCGTATCACCGCACTTTTGAAAAAG
GCAGAGTCCACCAACTTCGAAGAAGAAGCCGAAGCATTGATCCTTAAAGCAGAGACACTT

CGACAGCAGTACCGGATTGAATCACTGCTGATTAATTCCTATGACCAAGATGTCCAAGCT
CGATCTTCTACGATTTCGTGCATCTCGGGTGTATCTGGAAGCTCCATGGATCCGACACCAA
TACAACTGCTCAATGCCATTGCTCGGGTGCATTCAGCGAAGCGCTGCTGATCACCAA
TCTGGCATCTGCACCTCTTCGGCGAGCAAGATGACGTAGCCACATTATTGATCTGTTC
AACAGTCTTAATCGACAACGTGCCACTTCATGAAAACGTGAGCAGGTGCCCGAATTGCC
CAATTAAATGGCGAAACAAGCTCATATCGCCGTAGTTTTATGATCTCCTACGCCAGCCAA
ATCTCTAGACTTCTCATCTCAGCAAAAGAGGATGCATTCAACGAACCTAGCTGGTCAGGCA
CCACTAGCTCACAGCGCCATCGTTCCTGTCTAGAGAACAGAAGTGTGAGGTCAAAGGAA
GCACTGAAGGAAACCTTCCCGAATATGCGGACAATGACCTTCAAATCGACCAACCGACGA
GGCATTATTGACGGATTTAATGCTGCCAATGAATCCACCTTGGCGGGGAATCTGCCAGC
TTGGAAGACTCAACATTCATGTTC

>naRXA00322-downstream
TAGAGCGGGTGAAAGCCCCATTT

>naRXA00325-upstream
AGGATTTCTCTGAGGAATCTAGACGCAGATTAACCTCCGCTTGGCAGCGACCGGGATAAC
ACCGCGGTTGCGGCCACGCAGGCTCACAAAGGACACCACT

>naRXA00325
ATGACAAGCATTATTGCAAGCAACAGCGACCTATCGGAGGCGCTGCGCACCCACACTGCG
CAGGCCCATGAAGAGGCCGAGCACTCAACGTTTATGAATGATCTGCTCACCGGGAAGCTC
GATGCGCAGGCATTTATCAAGTTGCAGGAGCAATCATGGTTGTTCTACACCGCTTTGGAA
GCTGCAGCTCGTGCATGTGCAGAGGATTCCCGTGCGGCTGGTCTGCTGGACCCACGCCTC
GAGCGCAAGGAAACGTTGGAAGCTGATCTGGATAAGCTGCACGAAAACACCACCTGGCGT
GACAACGCTACGGCCACTGCAGCGACAGCGTCTTATGTGGAACGCTTTGAAAGCATCGAA
GCGGCCAAGGATTTCCCTCGTTTGGTTGCTCATCACTATGTCCGCTACCTGGGTGATTTG
TCCGGTGGGCAGGTTATTGCACGTCTGGTGAACAGGGAATATGGAGTTTCGGAAGAGGCG
TTGAGCTTCTACTGCTTTGAAGATCTTGGCAAGCTCAAACCGTACAAGGATAATTACCGT
GCAGAGCTTGATGCTTTGGAATTAACAGCAGAGGAGCGTGCTGCGTTGCTGGATGAAGCA
TCTGATGCGTTCAGGTTTAATCAGCAAGTTTTTCAGGCTCTTGCT

>naRXA00325-downstream
TAACCGAAGGTGAAGTCTTGGCG

>naRXA00326-upstream
CCTGATCTTTGCCCTAAGTGGTTTACGGGCTGGAAAATGGTACGTAGTCTCGGGTGTA
AGCACACTTCGGTACTCGACAGGAAGTTAGGAATCCACC

>naRXA00326
ATGGCAATCAAGCTGTCCATTGACCTATCAGATGCAACATTTCGAGAACTTTCGGCAGTC
ATCGGTTACGCACATCAGTTGGGTGTTGATGCGGATGAGAAGCTCACCTTTGAAGGTACA
GTCCTTAACATTGAATTCGACGGCGACCTTCAGTTTGATGATGTTTTTGATGCCTTTGAT
GAGGCGGAAATTGAGCTCGACAACCCTCGCGAAGACGGCCCCATCTACGCAGATGATCTG
ATCGATGAGGATGAGGACTACCGCGCACAGACCAAGAGCCAGATCAACGACGAGGTTATC
AACGAGATCCGCGATGGTATTTCAAGCTTCGTTGATGGCATCGTAAATGGCCTTGCCAG
GGTCCGCGCGGTGGACGTTACGGTGATTTTCGGTGGGCCACGCGGCCCTCGCGGTCCACGC
AATGACGGTCCATTTCGGCCCATTTGGACCATTTCGGTCCGGGATACCGCGGTCCGCGTTTC

>naRXA00326-downstream
TAGCGGTTACGGTTCGGGTTTTAG

>naRXA00334-upstream
ATAAGCCCCGCATGGGATATGAGAAAAGGAATGCACGATGAGTATTGAATTTCCGTTAGG
TAATCCAGCGCTGCACAGTGGTTTTCTGGCGAGGTCCAT

>naRXA00334
ATGGCCAAGCTTGATGACAACGTGCAGATTGAGACTGTGAACGTGTCTTTTGAGGCAGGC

GGTCGCACCAATTGGCACACTCACCCAGTCGGTCAAAACATAATTGTGCTGTCGGGCTTG
GGCATTTATGAGGCGGAGGGGAGCCTGCTCGACTCCTGGAGCCTGGCGATGTTGTTTTTC
GCAGCCGCCGGGGTTCGCCACTGGCACGGCGCCGTGTCTGGTGCACCGATGTTCCACGTG
GTGGTTAACCTCAAAGGCATCGACGGCGAGACCGTCGATTGGGAGGAGCCGGTCGACGAG
GAGCACTACCGCAGCGTGAGCGCGGAGCTACAAAGA

>naRXA00334-downstream
TAAAAATGCTTTTCGACGTCCAC

>naRXA00336-upstream
TTAGGATCTTAAAGGTAGGAAATTGCGCTTTGCGACGTGAAAAGCAACGCCTTTTACT
GCAGTATCCGCCCTCTACATGTTTGATTGATTGTAACA

>naRXA00336
ATGGCAAAGCCGAAGAGAAGTTGGCTTGACGGACCCGAAATTCCAGCTGATTTGACGAT
CCTGATGCACCCGGCAGGTGGCCTGGCGAAAAGTTGGGGCTTCTCAAGAAGGGGCCGGC
TCTCTGTCTCAGTGGCTCGTATCGGCGGGGTCTGCGTGGACTGGGGTGTTCCTGG
GTTATTGCTATTGTGCTGTCCAATTTACGGATGTGCTGGGCGATGTAGCGACATCCACG
CTCATTATTTTCGTATCCTGGGTTGGCTTACCGGTTGGATCTTTGCTCGACCCAGGT
CATGCCGTGTTTGGCATGGGCCTTGCGCGTGTGGATGCAGAGGAACGTGTGGGCTGGTGG
CGTGCGCTGGTTCGCCCACTGCTGACGATCTTGATTCTGCCTGCCGTGATGGTGGATGCT
GACGGCCGTGGGTCCACGACAAGGCAACGGGAACCTGCAGTTATCCGCGGG

>naRXA00336-downstream
TAATTTGTCTTGAGTGAAATTTA

>naRXA00337
GATGTGGAGGGAGGCGTCGAAAAGCATTCTTTAAGCACTGCGGACATTGCAGCTCGCGCA
CACGCCCATATGAAATCCCATGATGTTTTGGGGCGGCAGACTACGCCGCTCAGCCGGAG
GGCGGCGTTGCTGCCCGGTTGGGCGGGATTGCGTGGACAATGATCCATAAGCAAATGCTT
TCGCGTGACACAAAAGGCCTGGATATCACCGTGTGAGCACCATTCTGAGGGGGTGGGG
CTGGGTGAAAATTCGCCATGGATGTGGCGCTCGCATTTGGCGCTGTATCGGGAAAATATT
GAGGAAGCCCCACGAAGGCGCGCATTGCGGACATTGTTTCGAGTCCGCATTCATGTTT
AGTGAGACTTCAGTGTGCGTGCAGCGGCACACCGAGGCGTTGCGGGGTGAACTGGACAC
ATTTGCGGTGGTTGATTACGCCGATGGTTCGGTCACTCAGGCGCCACATCCGGTGAGTCGT
TCCGCTGGTTTGTGCGCATTTGTTGCTGCTGCGCAAACCTGAAACT

>naRXA00338
GTCGGCATCACGGCCGGGCGACCCATCGCGACACGGCTTTTAGGCGGCATGGACAAATGG
GGCGTGACGTTCTGCCAAGGATGCAGCGTACCTAAAGAAGATGCTTTTCGACGCAGGT
GCCGGTGCGATCGGCGACTACCGAGAGTGTGCCTTTGAGATCGAAGGAACCGGCAGTTT
AGGCCGTGGAGGGGGCGAATCCGGCAGAGGGGACGTCGATAAGCTTTTAAATCCCTT
GAGCTGCGCATCGAGTTTGTGTCACCGCGCAACCTGCGCGCCCGCTCACGTCGGTGCTG
CGGGAGGCTCATCCGTATGAGGAGCCTGCCTTCGATATTGTTGAAATGCACAGCGCTGAG
AGTTTAGAAAATGCGACCGGATTGGGTGCTGTGGGTGAATTGCCGGAGCCGATGCGCCTC
GCGGATTTCTGCAACAAGTGCCCAACAACCTGCCTGTCACCGAATGGGGCGTGCGCGCT
ACCGGCGATCCTGAACAAATGGTGTCCCGTGTGGCGGTTTCATCAGGGTCGGGTGACAGT
TTCTTAAACGATGTGATTAAGCTCGGAGTGGACGTTTATGTCACTTCTGATCTGCGCCAC
CATCCAGTTGATGAATATCTCCGAGAAGGTGGCCCTGCAGTAATCGATACTGCACACTGG
GCCAGCGAATTTCCATGGACTTCCCAAGCCCAAGAAATTTGTCAGGACAAAGCCCCACAG
GTTGAAGTTGATGTGATTTCGATCCGCACAGACCCTGGACCATGTCTGCGCGAGCAGTG
AAC

>naRXA00338-downstream
TAAATTCTTGAGAACTAAAAAG

>naRXA00339-upstream

ACAGGTTGAAGTTGATGTGATTTTCGATCCGCACAGACCCCTGGACCATGTCTGCGCGAGC
AGTGAATAAATTCTTGAGAACTAAAAAGGAGAACTTCA

>naRXA00339

ATGAAGCTGGACCATCTCTGCACAAAACCTGCTGCAGCTCGCCACCACCCTGCGCACC
CAAAACGCCAACTCCGCACCGAAGACCACCCCGGAGCAGGAAGCTGTAGACAAGGCTGTC
GCTGAACTTTCCCGCAACCGCGACGCTGCATCCGCTGGACAAATGGCTGTGATGACATG
GAAAACGAAATCCTGCGCATTTCAGTCCGACGAACGCAAACTGCGCCGCCGCAAGAAAGAC
GGCCAGGACGCACTCGGTGCAGAACTGACGAAGAGCGTCGCCGCGACCTCAACCACGAC
GTCTACACTGCGAAGTCCCGCATCGCTGACCTCATGAGCGAACTGCAAGAAGCTCACAAT
GAAATCCATGCGCTGCGCAACAACCGCGACCTCGCACAGTCTCGCGTCAAAGACACCGAA
CGCAAAGTTGCCGACGCCCGCGCAGCCGAGAAGCCGCGCAGCAGCAACCCAGAAAGGT
GAAGACCCAGCAGTAGTCATCGCACACCTGGAAGAGAACTTCCCTCCGAAGCACTGGCA
GAATTCCATGCACAACGCCTCGAAAACGGCGTAGGCGCAGCACTCTTCAACGGCCGCTCC
TGCAGCGGATGCCCATGGTTCTCCCTGCAACCGGTATCTCCGACATCCGCAACACCCCC
AAAGATGAGGTTCCACAGTGCCCGAATGTGGCTCTTACCTCATCACTGACATCTCT

>naRXA00339-downstream

TAGAAAGACCACCCAGTGAAATT

>naRXA00342-upstream

TAGCCCCGCGGTTTCATGTTGAATCCATGTAATCGAAAACACATCGGGGCCACACGAGG
AGAATTATTAAA

>naRXA00342

GTGGCCGACGCTCCGGGCGCAGTCAAGCAAGGTGCCAGGATTATGCTCAACTACTCGGC
ATTCAATCGGGTCATATCGTTCAAGAAATTGGATGGGATGAAGATTCCGACACGCTGATC
AGCGAGTCCATCGAAGATGCAATCGGTGAGGAACTACTCGATGAAGAAACCGACGAGCTG
TGCGATGTCGTGCTCTGGTGGCGCGAGGATGACGGCGATCTCGTCGACGGAATTGTG
GATTCCATCCGCTCCCTCGCTGAGAATGGTCGTATCTGGGTGTTGACTCCTGGCATTGGT
AAAGAAGGAGCCCTGGCTCCTGGAGTTATCTCTGAATCAGCTCAACTGGCAGGTCTCGTG
CAGACCAAGGCAGAACGTCTCGGTAATTGGCAAGGTTCTTGCCTCGTCCAGCGTGGAAC
AAGAAGCCT

>naRXA00342-downstream

TAACAATCGCTAATTTCCACGGC

>naRXA00344

ATGAGTTTTCGACTCGGTCTGTCCGTGCTGTTTACCTCTACCCCGGCCGAAGCTCC
ACCGCGTTCTCCCTGCTCACAGGGCAAATCGTTGGTGTTTCTCATCATCGCTGTGGATC
CTTGTGGCAGTCACCGTGATCGTGGTTAGCGCCGTGGTGATTTTCTGGCGCCCGCTGCTT
TTCGCCAGCGCCGATCCGATCATGGCGCAGGCCTCCGGAGTAAACGTCCGATTCATCGCC
GTTGCCCTTCGAGTTCTGGTTGGCCTCACCACGTCCCAGTCCGTGCAGATTGTCGGTGCG
CTGCTGGTCATGGCATTGCTGATCACTCCCGGCGCGGCCGCTGTGGCGGTGACCGCCAAT
CCAGTGAAAGCCGTGGTGCTGGCAGTCATCTTCGCGGAAGTATCGGCTGTGGTGCCCTG
CTATTGTCGTAGCGCCTGGTTTGGCGGTGAGTGTTTTTGTACCACCATCTCTTTGTG
ATTTACCTGGTCTGCCGCTGATCGGTTGGCTCCGCGGCCGTGGAGCTCAGCGTGACGAA
GATGCTTATCGACGCCGCCAGCACGATCACCACCCTCAC

>naRXA00344-downstream

TAGGCGTTTCGAAGT

>naRXA00349

GAGAAAATCCTGGACGAGTTGGAGCAATCCCCTGCGTCTTATGGTTTCCCTGTTGCGTTG
CTTGGCTGGCCAATGATGGGTGGTGCTGTTGCTGTGCTGTTGGGTGGTGGATGCCAGGTT
TCCCTAATTGCTTTTATTACCGCGTTACGATCATTGCCACGACGTCATTTTGGGAAAG
AAGGGTTTGCCTACTTTCTTCCAAAATGTTGTTGGTGGTTTTATTGCCACGCTGCCTGCA
TCGATTGCTTATTCTTTGGCGTTGCAATTTGGTCTTGAGATCAAACCGAGCCAGATCATC

GCATCTGGAATTGTTGTGCTGTTGGCAGGTTTGACACTCGTGCAATCTCTGCAGGACGGC
ATCACGGGCGCTCCGGTGACAGCAAGTGCACGATTTTTCGAAACACTCTGTTTACCGGC
GGCATTGTTGCTGGCGTGGGTTTGGGCATTGAGCTTTCTGAAATCTTGCATGTCATGTTG
CCTGCCATGGAGTCCGCTGCAGCACCTAATTATTCGTCTACATTCGCCCCGATTATCGCT
GGTGGCGTCACCGCAGCGGCCCTTCGCAGTGGGTTGTTACGCGGAGTGGTCTCGGTGATT
ATTGCGGGGCTTACTGCGCTGATGGGTTCTGCGTTTTATTACCTCTTCGTGTTTTATTTA
GGCCCCGTCTCTGCCGCTGCGATTGCTGCAACAGCAGTTGGTTTCACTGGTGGTTTGCTT
GCCGTCGATTCTTGATTCCACCGTTGATTGTGGCGATTGCCGGCATCACACCAATGCTT
CCAGGTCTAGCAATTTACCGCGGAATGTACGCCACCCTGAATGATCAAACACTCATGGGT
TTCACCAACATTGCGGTTGCTTTAGCCACTGCTTCATCACTTGCCGCTGGCGTGGTTTTG
GGTGAGTGGATTGCCCCGAGGCTACGTCGTCCACCACGCTTCAACCCATACCGTGCATTT
ACCAAGGCGAATGAGTTCTCTTCCAGGAGGAAGCTGAGCAGAATCAGCGCCGGCAGAGA
AAACGTCCAAAGACTAATCAGAGATTCCGTAATAAAAGG

>naRXA00349-downstream
TAAAAATCAACCTGCTTAGGCGT

>naRXA00353-upstream
CTTTCATCAGGACCGAAAGCGAACGTTTCGTATTGTTGAGCCTTTTGGTTCCACCACGGA
TGCGCTGATCTATTTTCATGGCTCCAGCAGTCAGGATCT

>naRXA00353
GTGGGGCGCAGCTTACCAACAGGACTTTTGATCCGTTGCCGTTTCATGGTGGTTTATCCG
GATGGGGTGATCAGCATTGGAATGATGCGCGGTTGGGTTTGATGAAAATACCCGCCAT
TTAGGCATTGATGATGTGGGGTTCTTTGTAAACTCGCCACGCACTTGGGCAACACGTAT
GGCATCAAGAGGATCTTTATTGTTGGCTATTCCAACGGTGGGCAGATGGTGTGCGGCTC
ATGCATGAGGTTCCCAAGATGCTCAGTGGCGCTGCAACCATTGCATCCAACATGCCAGTT
GCAGAGAATACGCTGCCGCGAGGTGAAAACCTTCAAGACACATCCGGTGCCTTATTTGGCG
ATGGCTGGAAGTCCGATACTTTTTTACCCTATGAGGGTGGCGATGCCGCTATTGGTCCG
GAACACCGCGCTGGCGTGGGCATGTCCGCCTTTGATTGAGCTGCCTATATTGCCGCCCGA
AACGGACTGACCGAACACCGCCACGACGTGATTGATGATGTGGTGTGATCGATACCTGG
GATGGAGAAAATCCCGTTGAGTTTGGACACTCAACGGGATCGGCCACTTGGTACCAAGT
GGGAAAACCTTATCCAGAATTTCTAGGCCCTCAACCACATCAGTGATAGCGGCTGAGGAG
ATTGGGAAGTTCTTTGATGGGGTCAGGCGTCGA

>naRXA00353-downstream
TAAGCTCAAGCTTTAAAAACGCA

>naRXA00355
ATCGCTTTCGGTCGCGCAGCTCACCGCATGAAGCAGCAGGGCCAAAGCGGAGCTTTCACC
GTCCTCGAAGTTGCTCCATACCTGCTCTCCCCAGAGAACTTGGACGATCTGATCGCACGC
GACGTC

>naRXA00355-downstream
TAATTTAGCTCGAGGGGCAAGGA

>naRXA00362
GATGAAAAGACGGGATGGACTGCTGAAAGGTCCGCAACGTTAGTCGCGGGCAACTCTGGC
CTTGGTGTGCGTTGCCCTCCCAATTCAACAATGTTTCATCATTTTGGCATTGCCAGCTGCA
GCAGCTTCTTCGGCTCTCAGGTGTACATTGCTTTGGCTTGTGGTGGTGGTATGCAGTG
CTCTACCGCTTAGCGGTGCTCTTTTACTGGACACGTAAAGATAAAATTCCTGCCACCCCT
GATGATCAACGGGTGTCAATTCGGTGAGGCAATGAAGACTGGATGGCGTTACCGTTGATC
TTCCTTGGAATTTTGATCCCCGTAATCCTCACAATCGGCCCATTTGTCTGAATGGTTAAAG
ACACATGGAGTTGGGGAGTCTGGTGTAAATCGATGTGATCATCGTGTGGGTGCCAATT
CTGATTACGGCAATTGCTCTGATTGAAGGGCGTAAACGAATTGCTAACAACATGGCACAC
TTTAGGGTTGAGATCTCCAAGGACTTGCCACAATTGCCACCGTAGGAATTCGTTGTTT
TCTGCGCTTGACAGCGCAACATCATGGAAGAACTGGGTGTTGGCCCGCAGTTGTCTAAC
TGGCTTGATTCCATGGACCTACCTAAGTCTGTTCATGGTGATCATTGTCTGCATCATGTGC
ATTGTGGTGGCAACGCCACTGTGCTCAACAGCAACCGCGGCTGCGATTGGTGTCCCCT

GTGCTGCGTTGGCTGCGGTAGGTATTGATCCAACCTGTGGCGATCGTAGTGATCTTGCTG
TGCATTCCACTGAAGGTGCATCCCCGCCGGTGGGCGCGCCGATTACCTTTCTGCTGCG
ATCGCCGATGCAAACCAACGAAATGTTCTGTAACCTGATTACGTACTTTGTTGTCCCC
ATGATTCTGCTTGCTTGGCTAGTTGGAATGGGATTCTTACCAGTGATTGTTCTACGGGT

>naRXA00362=downstream
TAAAGGGGTAAAAATGAACTCAA

>naRXA00373-upstream
CACGTGGCGGATCTGCGCGCTAAGGGCGAGCTGCCGCCGCCGAGGAAGAAACGCAGGCGT
CGAAAGCGTCTTAAAGGTTTTTCTACTAGGGTGTTGTCC

>naRXA00373
ATGGACATCCAGCAGCTAGACGCCGAAACAACAGCATGGAAAGACAGCCTCCTGCGCGCC
GCACAGGAGGCTGGTTTTTCACTTTGAGCCACCGAAACTCTTCGAGGATTTTGAGACCATG
GTGGAGCAGTACAAGCAGGCAGCTGCGAGCGACCCGGACATTGATGTCATGATATTTCAG
CAAATGTGGGGCATCGTGGTGGGGGAGTACCTGCGCGAAAAAATGGGCATGGAATGGGTC
GTCATCACCGATGACTACGGCACTGACCTCGCGATTCTAGCCACGGCACCAACGGGGAC
CACGTATATTCCTGCCCCATCATCGTGGTGGGCAAGCGC

>naRXA00375-upstream
CAGCCTGTCAAATGCTCACCGACTACGCACCAGAAGACGCTAAACGGTAAGTACTGAAG
AATTTTTAAAGACGACGAGATTTACCACAATGCCAAGC

>naRXA00375
ATGTTCCCATCACCCGCAACTGGCGGAGATGACATCAACCGACGCCCCCTGAATGAACCA
AACGCAGATGCAACCACCATCCCCACTGCACTAAAAGTGGTGTCTGGATGCTGTTTGCC
ACTGCAGCGTTTCATGATTTTTACAGGCCTGGTGATGTACACCGCCGGATACACGGGACCT
GATGATGTGGATGAGAGCTACAAAGCCGTTGTGGTGAACAACCAGGAGTTCATCGGTGGC
ATCAATGCCCTTGCTGGCGTCTGATGCTGCACTTACTTCACAACCTGCCAAAGGGCGGC
AAGAATCCGCGCCGCTCTTTTGTGGCCATCATGTTGTTGGTATTGCTGACAGATCTGTTG
TCTTTTGCCACCCGCGCTGGAGGCTTCGCACTCGCAATCATCGCAGTCTTGTGGCTTTG
GAAGCACTCTTGATGTTCCGCCAGCAGTCAATGATCACATTGACCGAAATCATATGGCT
CGTGTAATGAATCGCGAGAAG

>naRXA00375-downstream
TAGAACGGTTCGACCGTACTTTT

>naRXA00380-upstream
CAGGCAATGCGACCTCGCCTCAGTGACATCCTTGGTGTTCCAAGACGATCAAATTGTGCG
CGTGCAATTACAACGAACCAGCTCAGGAGATTTGATCACTC

>naRXA00380
GTGCGTTTTGACCAAACTAGCAGCAACAATCGGCTGCGTGACACTCAGCGGACTTGCGCTA
GTAGCCTGCAGCAGTGACAGTACCGCTGGTACTGACGCTGTTGCTGTCGGCGGAACCTTC
CAATTCCACTCCCCGGATGGAAAGATGGAAATTTTCTACGACGAGGCTGACCGTCAACAA
CTCCCCGACATTGGTGGAGATTCCCTCATGGAAGAGGGGCACACAGATCAACCTGTCTGAT
TTCGAAAACCAAGTTGTCATCCTCAATGCGTGGGGGCGAGTGGTGTGCACCGTGCCGCTCC
GAATCCGATGATCTCCAGATTATCCATGAGGAACCTCAAGCTGCCGGAACGGCGACACC
CCTGGTGGCACCGTGTGGGTATCAATGTGCGTGATTACTCCCGGACATCGCCCAAGAC
TTTGTACCCGACAACGGCCTTGATTACCCAAGCATTTACGATCCACCATTATGACAGCA
GCATCCCTCGGTGGTGTTCCTCGCATCGGTGATCCCAACCACCATCGTGTGGATAAACAG
CACCGCCCCGAGCAGTGTTCTTGCGCGAAGTCACCTCCAAGATGTGTTGGATGTTGCG
TTGCCATTGGTAGATGAGGCC

>naRXA00380-downstream
TAAATGTCTGAGATTGTGGTAGC

>naRXA00387

CAAAACGACCCAGAAACCTGGGAAGACTACGAACTTCGCGTCAACCACCCACTGCGCATC
GAAGGCGACCGCTCTACCTTCAGGGCCACGGCTTCGCCCCAACATTCACCGTGACCTGG
CCAAATGGCGAGACCCGCACCCAGACCGTGCAGTGGCGCCAGACGACCCGACCTTCTTC
CTGTCTCAGGCGTGGTCCGTTTCGATECAEEGGCGGGCATGTACCCAGACCTTTACGAG
CGCCGCCAAAACAGTTGGCCATCCAGGGACTTTTCGCACCGACCGCGGAATGGGAAGGC
GACAACAACGAACTGCTGACCTCCTCTACCCGGCGATGCGTGACCCAGCCGTGGCGATC
GATATTTACCGCGCGGACAATGGCCTCGATACCGGCATCGGACAGTCATTGTTTCAGCCTG
GACTCTAGTCTCATGACAGCGGCGTGCTGCAAAAAATTGAGCGCGTCAACCTCCAAATC
GGCGACACCGTCACCCCTGGATGATGGCACCACCGTCTCCTTCGACGGCGCGTCAGAATTT
GCCAACTACCAGATCAGCCGCGACCCACACAAAACCTGGGTGCTGGTCACCACCGTGATT
TCGCTGGTCTCCCTGGTTGGATCCCTGATGATCCGACGCGCGCGCATTGGGTGCGTTTC
TATCCACAAGAAAACGGAACACCCGCGTGAAACCGGCGGACTTGCCCGCACCGACCGC
GCAGGCTGGGGTGGCGAATACGAGAAATTCACCGCGAACTGCTGGGTCTGAAGGAGGAA
GATGAAGACGAAGAGTACTTCGACCACGACGAC

>naRXA00387-downstream

TAACACCGCAATTTAAAGGCTTT

>naRXA00390-upstream

GGAAATAGACCGTTAATAGCTGGTCTTTACATTTGCCAGAAAGCTCCGACGAAACCCAA
TAGTTGACACGGAACTAATTCATTCTAGCTTTAGTGACC

>naRXA00390

ATGTCAACTACCAGGGAAATTGCATTCCTCATCGCACGTATCCTCTTGGGCGTCATCCTC
ATCGCCACCGGTGGGACAAGTTCGCCATCACAGGACTTGAAGGCGTCACCGGCTTCTTC
GATTCACTCGGCATCCCAGCAGCCGGCATCGCCGCAATAGCTGCTGCAGTCGTCGAGCTC
CTAGGAGGAATCCTTATCATCCTAGGAGTATTTACCCGCATCGTTGCCGCTTCGTTGCC
ATAGACATGCTCTTCGCAGCACTGTTTGGCGACGTCTCCTCCGGCATCTTGTACCAAC
AATGGTTGGGAACTACCGGCGCAATCGGCGCTGGCGCGCTGCTTCTCATCGCAGTTGGC
GCAAGTGCATGGAGCATCGACGGGGTTCTGGCAAAACGCAAGGCC

>naRXA00390-downstream

TAAATCTAGCGCCACAACCTCCGA

>naRXA00392-upstream

TGCTTGAAATACGTTTCGGCAGGCTATGGGGGAGTGTGAAACGCTATTGTGAAATGAATAG
ATAGGTTCCATAGTCGATCGAGGAGGAGTCGAGAAGTTT

>naRXA00392

ATGTGGGTGGTTATGCGGTTTCGACAGATCGCCAGTGTTTTTCTTACTCTTTTGCAGATG
CTGCCACTAGCAGCGCGAAATCGAGTTGCCAGGGGACGCATCCCGGAAACCGGCGATGTG
GTGATCTCATTGACCACCCATGGGAAGCGAATTAACACGTTCACTTCACCATCGAATCG
ATCGCACGCGGCCATGTGAAAGCACCATTGTGCTGTGGTTGGACAAACCAGACTTTGAT
GCGCCGTGGCCTGCCACCATTAAGCGACTTGTCGCCCCGCGGTCTGCAAGTACGGTGCAGC
GACGGCTTCTACGGCCCCACACCAAATACTGGAACCAATTCCGAGAAATCCACGGCACC
GGCGTGCGTGTGCCACCGTCGACGATGACATGATCTACCCGAGTGGTTCTTCGAGCGC
TTGCTTTTTATTGGCGACCTGCGCATGGATGCGGTTGTGCGCTACCGGGCGCACAGAATT
GAGCTTCGCGACGACCGAATGCTCCCGTACGTTAAATGGAGTGCCGACACCTCAAAA
GCGTCATTCCTGCACTTTGCCACGGGAGTGTGAGGCGTTTTGTACCCCGTGACCTTCATT
GATTATGTGGTCTCCACGGGCGATGTATTCTTGGAGAACTGCAAGCGCGCGATGACGTA
TGGCTGCATGCCCTGCGCACTGCGCTCTGATCACCTATTTCGCCAGGTCTACGCTCAGCCC
CGACACTTCGCTGTCGTGCCACCAAGTGGGAGCACTAGTTGTTGGCAACACCCTC
ATGGGTGGAATGATGAGCAGATCGCCAAAGTGTACACCGATGAAGATGTGGCAAAACTA
GTTGCAGCCAGCAAGAATGAAGAC

>naRXA00392-downstream

TAAAACAGCTTCGCGATAGCACG

>naRXA00394-upstream
 ACCCACTTGAACCTCTCCTTAAATATTTGCTTCAACCTCCCACAATACGGAACCTTGAGG
 CATTCTTGGGTATCGGTATGTATTGAGTAGGGTTGAATAT

>naRXA00394
 GTGAGTGAGTCCAATACCCCCAATCTCCAGACACACCAAGCGCCGGAATTAAACCCGGAA
 CTACAAAAGCTGCCCGGAAAAACGTGCTGATTTACGGTCTGGCACGTTTGCTTCTGTTT
 GTCGTGCTGACCTTGATTATTCATAGCCTGGCTCTGCTGATTAGTGCGCCTGTGCCACTC
 GTTATGTCTGCGATGCTGGCTCTGATTGTGGCGTTCCCATTTGTCATGCTGGTGTTCAGC
 AAAGTGCATGAATGCCACCCAGGCTGTTTCCAGTGGGATGCACAGCGCAAGGCCAC
 AAGGAATGGGTTCGAAGCGAGCTGGCGGACCGC

>naRXA00394-downstream
 TAAAAAATCCCCTCGTTCTTTG

>naRXA00395-upstream
 ACTCACATATTCACCCCTACTCAATACATACCGATACCCAAGAATGCCTCAAAGTTCCGT
 ATTGTGGGAGGTTGAAGCAAATATTTAAGGAGAGGTTCAA

>naRXA00395
 GTGGGTAGGCTTTTGCTGATTATTTTGGTTATCGTCGCAATCGTCTTGCTGTGGAAGGCC
 TTCAAGCCATCTACATGGAAGCGTAACGCGGAGATCAATCAGGGCCAGGCACCTCGTGCA
 GTGAAAGGCCCGACGATGATGAAGAATCTTGTTGGAATATTGAAAAGAATCGCTTCAA
 CAGCGTCGCGCCGACGAGGCTGCCCAATTAGAAGAGGAAGAAGCTCTCAAACGGGCCAGG
 GAACGCTACGCAAAGCCTGAAAGCTCAGAAGAAGGTCCAGAGAAGCCCACTGAGGATTCT

>naRXA00395-downstream
 TAAAGGGCTTCTTTAAAGAT

>naRXA00396-upstream
 ATCCCTTGGCGCTACAACGGTGTAGCCATTGGTACCGAGGATCTGTGGTACATCGGCGCA
 GACAAGACCTACATTTTGAGCCAGCGCTAAGGAGAACCCA

>naRXA00396
 GTGACAGAAATTGCAGAAAACCTTCAGCGCTTGGGTATTGAATTACCTGATCTACCAGCA
 CCGCAGTATTCCTACGTACCGTTCAACCGCCAAGGAAACACCTCTATGTATCGGGGCGAG
 ATTTACGAACCGCAGCGGGAGACATCCTCGCCGACGAGTTGGCGAAGACGCAACATTA
 GAAGAAGGAATCCACGCCGAGAGGTAGCCACCATCAATCTGCTGGCCAGAAATCCACCAA
 TCCATCGGTTTAGACAATGTGGCCCAAATCTGAAACTGAATGTGTGGGTCAATAGCTCC
 GATGACTTTATTACGACGCTCAAGTGGCCGACGGTGCATCCAGCTCCTTGAGGCAGTG
 TTGGGTGAGGCCGAAAAACATGCACGCACAGCACTACCCACAAATACTCTCCCCAGGGA
 GCACTAGTGGAATTGGATGCTGTCGTTGCGGTACCGAGGCCGCGGAAGTT

>naRXA00396-downstream
 TAGGACGCGTGGGCGAAAATTC

>naRXA00397
 AACCTGCACTCCTCAACAGAATGCTCTTCCCTGGACCTCCTGTGGATTTCCTGATCAAC
 GCAGAAACCGATGCATTACGCTCGACGCCGGTGTGTCAGTAAAGAAGGACGGCGTGGTG
 CTGGGTACCTCAGATATGGCGAGGTCCCTGCCTCGAACC GCCGCTGGCCAAAGAGCCTAT
 GAGTACTTCTTCAAGGTGGTTGCTGAAGGCATCATCGGGCAGCTGCGCCCGGGCGTGATC
 TGCGCTGACGTGCACGAAGCAACCTTGATTACCTAAGCCCGCAGCTACCTCGCATGATT
 GACATCGGAATGTGGGTGCCGACACCGATTTCAACACCATCTACCGCAAGCGCAATGTT
 GGCCACCTCATGGGCAAGCAGGAATCCTTTGCCAATGAGCTTCGCCCTGGATACAAGCAC
 ATTCTTACCACGGTCTTATGGTGCCGCGGAGATCCCTTGGCGCTACAACGGTGTAGCC
 ATTGGTACCGAGGATCTGTGGTACATCGGCGCAGACAAGACCTACATTTTGAGCCAGCGC

>naRXA00397-downstream
TAAGGAGAACCCAGTGACAGAAA

>naRXA00398

TACCTCCCCGAGCCTTTACCGTGGAGGATTACACTGCGCGTGTTGAAGGECTCGAAGTT
GCTGGCGGAGCGATTGTTTCCGGTCTTTCCAGGCTTTGACACAGGGCTACCTCAAAGAT
GCTCTCGCAGTGCTTGGCCCAGGCTATGTCGGTGTCACCTCAGATCCCCGAGATACCTCT
GATCAGGAGATTCTTGATCTGGACAAAGCTGGCGTGAAGGCTGTGCGTTTAAACTTGAAG
CGCGGTGGTTCGGCAGGTCTTGACGATCTCGAGACCTTGGCACGCCGAGTCCACGACCTA
GCCGGTTGGCACACCGAACTCTATGTGGATGCTCGCGAACTAGACGAGTTGGAATCAACC
TTGGCCTCCCTCCCTGCTGTCAGCATTGATCACTTAGGGCTCCACCGCGATGGACTTCCC
GCACTTCTTCGCTTGGTAGAAAATGGCATTAAAGTCAAAGCAACCGGATTCGGACGGGTA
GAACTAGATCCAACTGAAGTCATCCAGGCAATCATGGCTGTGATCCCACTGCTTTGATG
ATCGGAACGTATCTCCATCCACCCGCACTAAGCGACCTTTTGAAGACGCTGACCTAGAT
TTGATCGCTGAAACGGTTGGCGAAGATCATGTCGACAACGTCTTCTGGAACAACGCTGCA
GCGTTCTACCTCGGAGACCAG

>naRXA00398-downstream
TAGTTTTAAGACCCGAAATGTCT

>naRXA00399-upstream

GGACATTGCTATGTCGTGAGTTGTAGTAACCCCAAAGCCCACGGATTAATCAATAGTGAA
ATTCAATGATTTTCTTTTCCACAGGCCTAAACTTAAATC

>naRXA00399

ATGAGCCACAACGACAGCCCAAACCTTTGCTCGCCGAGCGCTCAATTGGCTCCGCCAAGGT
TATCCAACCGGTGTTCCGCGGCACGATACTTTGCTCTGTTTTACGTTTTGGAGCGCGAA
CTTACTGAGGAAGATCTCAATGAGCTCGCAGAGCTTCTCATCGCGGAAGGTGAGAACAAT
GGGCTGCACGATAATCCATTACGCGTGAAAAATCGGCAAGCTGATCACGCATGTTTAC
AGTCAGCCACCTGAGGATGAAGACATCGATCGAATTCAGAAAAGCTGCAGGCTGAGGGC
TTCCCCACCCGCAAT

>naRXA00399-downstream
TAATTAATTGGAGTTTGTGTT

>naRXA00408-upstream

GGGGGAGTTTCTCAGCCGTGGCTCACGAGATTTTCGATAATTTGGCAAAGTGGACATTAT
GACAAATACGCACAGCGCAACCCAGAACCACATGAGGGC

>naRXA00408

ATGAATCCAGTGTCACCAAACTGACCACGGCCAGGTACCTCACCCGCATTCCATGGCTG
CTGATCAGCGCGATTGTGTTGGGGTGCTTGGAGTTTTTGTGTCTTCGTGGTTTTACGCC
GGTGTGATCGTAGTTGCCGTCATTCTTATCTGGCAGCTGTGGCTGATCCCGCAGCAGGTC
AAGCGACTGGGATGGCTGGAAACCTCCGATGAGCTGCTGATACCAAGGGGAAAAGTGTGG
CACACCTTCACGGTTGTTCCTATGGCCGCATCCAGTTTGTGATGTCACCGCAGGTCCC
CTCGAGCGCGCTTTGGCATGAAACAAGTGAATTGCATACCGCGTCGGCGTCCTCTGAC
TCCACCATTCAAGGCCTGCCTGTGCGGAAGCCGATGCCTTACGTGAGCGACTGGCTATT
AAGGCCCGGGAGAGGATGAGCGGACTA

>naRXA00408-downstream
TGAGCAGCCTTGAAGGGTTTCGA

>naRXA00409-upstream

CGGCGTCTCTGACTCCACCATTCAGGCCTGCCTGTGCGGAAGCCGATGCCTTACGTG
AGCGACTGGCTATTAAGGCCCGGGAGAGGATGAGCGGACT

>naRXA00409

ATGAGCAGCCTTGAAGGGTTTCGAAAAGTCCACCGCGCCACCCCATTCCTTCGCATCTGG
 ACCATCATCGTCGCAGTTCTCGCGGCATTTCGCATTCAATTCGGGCGCATCCGTTTTAAGT
 TTCATCTGGGGTGTGCTCACCGGCGAATACGGATTTCGCAGTGCTGCCGATTCTATTGACC
 GTCGGTGGCGCCGTCATTGTGGTGGCACTGGCCTGGATTATCACCGGAATTTGGTGGAAA
 GCCGTCCGATTCCGCATCACCAATGAAGAGGTGCAGCTGCAACGCGGAGTGATCAGCAAA
 GACCTCCGCACCGCCCGATTGTGACCGTATCCAAGCCGTTGACCTGGTGGAAATCATTCATC
 GCCCGTATCTTCCGACTGGCAGAAGTCCGCATCGAAACCGCCGGCGGCAGCGACTCCGCC
 ATCAGCATTGGCTTTTTAAGAAAAAGCGAGGCCGAGGCCCTAAAAAGGGAGCTTCTCGAC
 GCCTCCAGCACTCAGTCGCCACCACCCAGCCGAGTTCGGGCTGAGCCTGGGGTAGGG
 GAGACCGTTGTAGTTGAGAGCGCGGGCGATGTTCTGGTTCCACAAATCCCCGTGCAACGC
 ACCCTCGCCAGCACCGCCTTATCACTAGCAACCATCATCACCGCGATCGGTATTGTGATT
 TTGCTCTTCGTTCTTTTCGGAGTGAGCATTGCCGTGCCGTTCTTTGTAGGCATGGTGCCA
 GCGGTCTGGAACCTGATCGATAAGTCGTGGCAATTCACCGCAACACAGCGCAACGATGTC
 CTGCATGTCAGCTATGGACTTGCCAACCGCCGCAACAATCAATCCCACTGGGACGCATC
 CACGCAGTGAACTAAAACAGCCATTGCTGTGGCGACTGGTTGGCTGGTGGACCGTGACC
 GTGCCTGTAGTTGGCTACGGCGACACCACCCAAGGCGGAACCTCCAAAATCTTGCCCGTG
 GGTTCCAAAGAACTCGCACTAAAAGTCCTTGAAGCGGTGGGGCCACTAAACAGCGCCGAC
 ATCGCGGAATCTGCAGACCCATCACATATGAGCAGACCCAGTACACACCACAGTTGCT
 GCACGCCGTGCTCACACCAGTCGATCGGACCCGCCAAGGCGTCACGTTGATTGGTGTGGCT
 GGTGCCCCCTGGTGCGGTGGTTCGTGCATGAAGGCAGATTTCATGCCACGTATGTCTGTGATT
 GATACCTCCACATCCAAGAACTCACCTTAAACACGGGCCGATCCAAGAATACTGGGA
 CTCTCCACCGTTGTGTTTAACTGGTCCAAGGGCCAGTGGGAATGGCCGCATCGGATCTC
 AGTGCAGCTGATGAAAAGAACTTCTCAACATTCTCCGCAACAGAAAATACCCGCACTG
 GAATCAGCTCCGCTGGGACAAAACAGCCTGGAC

>naRXA00409-downstream
 TAAGGTGTAATCATGCACATCTC

>naRXA00411-upstream
 CATTTGGCAAAATGACTGTTTCGACTCACCGGCAACACCGCTGCGATTGAAGAGTTCTATC
 AAACCTTGACCAAGACCACGACCATCAAGGAGATCACCCG

>naRXA00411
 ATGAACGAGATGATCCTCGCAGCTGACTGGAACCGGCTAGGACCCACCTTCCAAACAGCC
 ATCATTTGACACCTGTTGATGGTCATCATCACCATTGGTGGTGGCTGGCTTACTGGGTCTT
 GTCGTGGCCCTGCTGCTTTACACCACCCGCGCTGGTGGAAATCTTGAAGAACAAGGTCATC
 TACACCATTTTGAATGTGCTGGTGAACCTTTGTTCGACCCATCCCATTCTATTATTTGATC
 GCCGCCATCAAGCCACTAACGGTCGCCGTTCATGGGCACCTCCATCGGCCGAGATGCCGGC
 ATCTTCGTTCATGGTTGTGCGAGCGATTTTCTCTGTGGCTCGAATCGTGGAGCAAACTTG
 GTCTCCATTGATCCTGGTGTTCATCGAGGCAGCTCGCTCCATGGGTGCGTCCCCGATGCGC
 ATCATCGCCACCGTGATCATTCCAGAAGCACTTGGACCATTTGGTTCTGGGTTACACCTTC
 CTGTTTCATCGCGATCGTCGATATGTCCGCAATGGTTCGGCTACATCGGTGGCGGTGGTCTT
 GGTGACTTCGCCATTGTTTACGGCTACCGCGCCTTCGACAACGAAGTTATGTACGTTGCC
 GTCCTGGTTATCGTCATCATCGTGCAGGCAGCCAGCTTCTGGGCAATTGGCTGTCCAAG
 AAGATCATGCGCCGC

>naRXA00411-downstream
 TAAACCTCTTGCATAGAAAAACC

>naRXA00416
 ACTTCCCACTACGCCAACCCGCTTGGTGAGTTCGGAAACAGGAACGCATTTCATCGAAGAT
 CTCGCGATCCGAAGCTGGAATGAGTTGGCTGATCCTCAACAATTCAGCGACGCCTTGAAC
 ACCTCTCCATGGACGATCCCTGAGGTGTTTCATCTCCGTGGCTCCATCGATGATCTCGAC
 GCCGGTTGGAAATACGATGTGGCTGAAGATCTGTACCCGAACAATCCAAACGTGCGCTTC
 CGCGGCGTGTACTTTAACCCGGAGTCATTTGATCAGATGTGGCAGACCAAGCAAGTGGGA
 CCTTTCTGGTGGTAACGCACAATGAG

>naRXA00416-downstream
 TAATTCCTCACCAACGACCCAA

>naRXA00418

CTGGCGTCTTACTTAAGCCCAACTGCGCTGGTGGTTGCGGTGTTGGCTATTCCGCTGTCT
GCGACCCGCTTGTATTTGGACGGAATCAGCGTTGACCAGGGCTTTAGAACTCAGTTTTTA
ACCCGCATGGCTGACGATATCGGCTTGTGCGACATGAACTAGATCGATATGCCTACCTTC
TACCCTGCTGGATGGTCTGGCTCGGTGGTCGCTTGGCCAATCTTTTGGGGCTGCCCGGT
TGGGAAGCTTTCCAGCCATGGGCAATTGTGTCCATGGCAGTTGCTGCTTCTGTGTTAGTT
CCAGTGTGGCAGCGCATCACCGGTTCCCTGCCGTGGCAACAGGCATTGCGTTGGTGACA
ACCTGCATTATCTTGGCGATGAATTCCGAAGAGCCCTACGCTGCAATCGTTGCGATGGGT
ATTCCAGCGATGCTCGTGTGGCTTCCCGCATTGCCAAGGGCGATAAGTTTGGCTTGGC
GGCGGCATTATTTACTTGGGTGTTTCGGCTACTTCTATACTTTGTTACCGGTGCTATC
GCGCTTTCTGCGGTGCGGTGTGCATCGTGGTGGCGGCTATTGTGCAGCGCTCCATCAAA
CCACTGCTGTGCTTGCAGTGCTGGGTGGTGGATCCATTGTGATTGCGTTGATTTCTTGG
GGTCTTTACCTTCTGGCCTCCATCAACGGAGCGGAGCGCTCTGGCGATTCCGCAACACAC
TACCTGCCTCTTGAAGGCACCCAATTCCCGGTTCCCTTCTTGGCATCAAGCGTTGTGGGA
CTGTTGTGTCTTGTGGCCTGATCTATTTGGTGGTGGCTTTCCACAACAATGAGGTGCGC
GCGATGTGGTCGCGCATCGCAGTGTATTTATGCCTGGATGGGCATGTCCATGGCGATCACG
CTTTTGGGCAACACGTTGCTTGGATTCCGTCTTGATACGGTGTGGTGGCTTATTTTGGC
ACGGCTGGAGTGTGGGCATTGCAGATTTCCGCCTTGCCAGTGTGTATCAGCTCTACCCC
ACCCAAATCACAGAGCGCACGGCCACCCATCTGACCAATCTAATT

>naRXA00422-upstream

AAGCGCCGGGCGCGGAAGGCGCTGGCTGAGGCCTTCGGCGCGGAGGTCCAGCCACTGCCG
CTTGACACCGAATAGGACAAATGGGTCTATCCTGGGGCGC

>naRXA00422

ATGCCCACGAATTATGCACGCGACAACGTCATTTCCCTTGGCGTCTGCCCCGCGAGCAGCGT
TCCGGGAAACCCGAGCCCAACCCGAACCTAACAATCATCGTCCGCGCCACCAACGTGCAA
GCGGACGGCGAGGTCCACAGGCAAATTGGGTGAACTCGGCGATGAGCCTGGACGAGCTG
CACAATGTACTCAACATCGTTTTTCGGTGTGGCGCGGAGCAGTCACCCCTGGCGTTTCGAA
GACCAATTCACCAACCCAGCGCCCCCGACACCAACCTCGGCGAACTCCTGCCCGAACCC
GGCGACTTCCTGTTTTACTTCTGGGGCCTGTGGCAATTCAACCTGCAATGCGTGGAATG
TACCCGCGCGACAACGGCACCCCGCGCGCGCTGTGCATCGGCGGCTCCGGCGGCTCGGC
GAC

>naRXA00423-upstream

AGTTCTTTGAAAAACGTGGCGCTTCCAGGCCATTACCTGCACTGGCATGGTGTACGCCG
CTTTTATTTACGCAATCTGTGAGCTGGAGGCCCGCACAAA

>naRXA00423

ATGACCTATCCCGTGTGAGTGTGTTTGGATAATTCTGGCGATCACAAACATCATCTGGCAT
GTGCAAACTTATCCCGCGGCGCTGCCACCGGGGCGTGGATTGCCGATGAGCAACAACTG
ACTGACCTGCTGAAAGACACAGTAGTGTTCCTTACCCCTGGGAGCACCGCTCCGGAAAAAT
GCCCCCGTGGCGACGATAGAAGGGGTGCGGTTGACGTCGATAAGCAGGTGGCAGAGTAC
AACAAACATGGGATCCGCTGCCAGCTTGGGCGCGCGCACTGTGGAGGCGCAGTACCGC
GGCGAGCCGGAGGACAGAGGCTGCGTGGCGCACGGCGATGGAGCTCGTAGAGATCGCAGGC
GGCTGGCTAGAAATTGAAGCCAAGCGCCGGGCGCGGAAGGCGCTGGCTGAGGCCTTCGGC
GCGGAGGTCCAGCCACTGCCGCTTGACACCGAA

>naRXA00423-downstream

TAGGACAAATGGGTCTATCCTGG

>naRXA00424-upstream

GCGATGTGGACCTCGGGAGCCTTGGCTTTTTTGAATCTTTCAAACATGCCACCACTTA
ATCAGTGAGTAGTCTTGGCAACATGGATACCAGGATGAGA

>naRXA00424

TTGCAGGTAGCAGCAGGTTCCGCGCTGATTGGTGCTGGGGTTGCGGTAAATGATTACGTA
CAAAGCCCAGTCCGCCGGGCCATCAGTTATGGTGCGTTGGCGCTTCTGGGGCGACGGTG
ATTGCGATGGGTGAGGACCCGACTGGGGAGCGGTCCATCATTGCGAAAGATTCCGCGACG
ATGGTTGATCAAATCCGCCAGGAGATCGGCGATTTGGGTGTCACGCCTGGTCCAGAATCT
GATGTGGATGCCATCACGGAGCGAGGTCCGCTGGTGACGTGGCTGTTGCTTGCTGTTTTT
GTCGTGGCATTTTTACCTTGGGGTATTCTTCTGCGCATGGATGTGGCGGTGATGAGA
AGGATCGCTAAGTTCTTTGAAAAACGTGGCGCTTCCAGGCCATTACCTGCACTGGCATG
GTGTACGCCGCTTTTATTACGCAATCTGTGAGCTGGAGGCCCGCACAAA

>naRXA00424-downstream
TGACCTATCCCGTGTGAGTGTT

>naRXA00425-upstream
ACCGCAACCCAGCACCAATCAGCGCGGAACCTGCTGCTACCTGCAATCTCATCTGGTA
TCCATGTTGCCAAGACTACTACTGATTAAGGTGGTGGG

>naRXA00425
ATGTTTGAAAGATTCAAAAAAGCCAAGGCTCCCGAGGTCCACATCGCGCGGAACGCACC
AACCTTCCGCTTAACGATTTTCATGACCCGCTCTTCGCCCAGGAACCTCCCCCTGCTCGAT
AGCACCTCACGTTAGAGGTCTACCGCTGCTTCGGGAATACGACGGCCCAACAATTAGC
TCCCAGGAAGAAATCCCCGCAGAGATTCGTGAACTCATGGATCTT

>naRXA00425-downstream
TAGGCAATAAATGTGAGATTGGA

>naRXA00428-upstream
AGCGTCGCAGGGATCGGCGCGATCTTCCTCTCCGATCGGCATCATCATGTGCCTCATC
GCCGGATTCAACCGCTACTACGCAGCCCTTAAGGTCTAAA

>naRXA00428
ATGCCCGGTCTAGTTCTCTCCACAAACGTCGCCCATATCCAACAAGACCCAGGTGGCGAT
GACCGCATCAGCGGCATCAACAACTCCCCGTCGCCACCGGCATCGATGTATTCATCCCC
GGACCCAACTACGGCGACGGCTCCGGCGTAGTCGGCGACGCCATCGGCGATTCCCTCCAC
CACGGCGGGCGCCACAAAGCCATCTACGCCTACAGCCGCGAAGAATCGACTTCTTTGAC
CCCACCTACCGCAACGGATACTTCGGCGAAAACCTCACCACCAGCGGAATCGTGTTGGAA
GACCTCCTGATCAACCAACAAGTGCGCATCGGCACCAAGCTGCTCGAAGTCTCCATTCCC
CGCCGACCTGCGGCACGTTGCCCCACTGGCTCGACATCAAAGGCTGGTAAAAACCTTC
ACCCAACGCGGCTCCCCGGCAGCTACTTCCGAGTCATCGAAGAAGGCCACATCAACCCC
GGCGACCCCAATTGAAGTTCTGCAGGCCCCCGACCACGACATCACCATGTCCATGGCCTTC
CGTGCAAAAATGGGAAACAAAGACCTCGCGCGCCGGGTGTTGTCAGCCAACTGTCTCCCA
GCGCGCTACCACGAGGAATACTAAACTGATC

>naRXA00428-downstream
TAGGGCCTATTGAATTTCTCGTC

>naRXA00429-upstream
CGATGGTGGTCGCCTTCGTGATCGCCCAAGGCACCCGGAACGGTCATCAACTTCATCGTC
CAAAGAACCATCATTTTCCGAGTGAAGTAAGGTACCCCTC

>naRXA00429
ATGAAGACCTTCAATCCCAACCATGATTGCCGGACTCATCGGCGTACTCTACTTCGTGCTG
CTCACCTGATTTTCTCCATCCAAGACATGGAAGTAGCAGCAGAAATCGCCTTCGGAATC
GTCACCATCGTCGGCCTGATCGCGGTGTGGGACAACTTCCGCGACCGCAACAACCTCCACC
TGGAACCTGGACCGGCTCGTCGGCGGACTGCTAATCGCCGTCGCCGGAATCTGCCTT
CTTGTTGGGAAACCTCGTGCTCCTCGCAGTCGACGGCAACCCCTCAACCATGGTGAACACC
CTGCTCAGCGTCGAGGGATCGGCGCGATCTTCCTCCTTCGATCGGCATCATCATGTGC
CTCATCGCCGATTCAACCGCTACTACGCAGCCCTTAAGGTG

>naRXA00429-downstream
TAAAATGCCCCGTCTAGTTCTCT

>naRXA00430-upstream
TGCCCCCGTGGATCGCCTGGACATTTATAGGGAGCTGCTGTGTTTCTAGGTATTGTGTAA
CCTCGTGTCCGAAAAATCTTGATGTTACGATCGTCCGACCA

>naRXA00430
ATGAGCCTGAAAAACCAAGCTTTCCGGTTCATCCTCACCGGTGGCCTCTCAGCCATCGTG
GACCTCGGCCGTGCTGTCACTTTTGCAGCTAGTGTTCGGCCTTCCCGTACCTGTTGCCCGC
ACGATCTCCTTCATCGCCGGCACCACCACCGCTACATGATCAACCGCCGGTGGACCTTC
CAAGCAGAAAGCTCCACCTCCAGGTTCTTGCTGTGGTGGCCCTCTACGGCGTGACCTTC
CTGATCAACATTGGACTGCAAACCTCTGCTCCGCATTGTTTGAGAATTGGGGCTGGAAC
GAAGCCGTGCGGATGGTGGTGCCTTCGTGATCGCCCAAGGCACCGGAACGGTCATCAA
CTTCATCGTCCAAAGAACCATCATTTTCCGAGTGAAGTAAGGTACCCCTCA

>naRXA00430-downstream
TGAAGACCTTCAATCCCACCATG

>naRXA00433-upstream
GTCTCCAGCGACTCAAACATCAAAAATTGATATTTGCGACAAGTTGAAATCATACCCGAT
AGTCTCGAACATACTAAATCACCTAATCAGGGGGAATTAC

>naRXA00433
ATGGATGTGTTAAAGATCGCCATCATCGCTGCAGCCATGATTGGTGTGCCGGTTCTGGTG
GTTTTCTCATTTGTGTTTGCAGTGCACAAGTTGGCTAAGGAAGTGCCGCGGTCTGGTCTG
CGTCCGGGTATTGGGTTGGGGTTGTTGCTTGGTTTGTGCGGGGCTCATCGTGTGGTTT
GTGTGGTTGAGTTGGGGTGGTTATTACGAGAATGAGTTGGGCAGATGCAAGGTCCGTAT
CGTCCGTGGCAGGTTGTTGCTTGTGGTGTACGATGGTCCGGTCACTGTGATTCTTGGT
CTGTGGACTAGGTGGACTGCGTCTGGTCCGTTTATTCGGCGTTGGGTGGTGCCTCGGGG
TTTAGTTTCGCGTGGGCCATGGATGCCATTCTCAGGATGAAACCGGATTGTCGGCGTTT
GGCTTAGTGATGGTCATTGTTGGTGTGGTGCGGGGCTAAATGTGGTGGCAACTCTGACG
TCAATCGGCGCAACGATCTGGAATAACCGGCTACCCCTCGAATGCA

>naRXA00433-downstream
TGACTAAAACCACGCGCCAAACC

>naRXA00447-upstream
GAGCACGGCATCGTGATTGCGCGGTTCCCCGAGGGTGCGCGCATTTCCGGTGACCAACGCC
GAGGAACTGACAAGCTGCTGCGCGCGTGGGAGGCCATCA

>naRXA00447
ATGCTGGGTAGTCTTTGGCGTTTTGCGGTGCGCACCGCAGCAGGCGCGGTGGCGTTGTGG
GTGGTTATTAAGCTTATCGACGGCATCTCCCTGAGTTTCCCACCACACCTCTCTATCAG
GACGGTCAGCACGACAATCTGCTGACATTCTGGCGGTGGCAGCAATCATTGTCGTGTTG
AATGCCACGGTGAAACCGTCTTGAAGCTGCTTGGTTTGCCGTTGACAATCATCACCTTG
GGTCTGTTCTCGCTGGTCATCAACGCGGTAATCATGCTGCTGGCGGAGTATGTGTCAGAT

>naRXA00451-upstream
GGATCCGCCGATGAGCCGAGGCCAGGATGCATACTGGGCGGGAAATGTCTTTGGTAGT
CACCTGACAAGTGTGGCACATACTACTACGGTTATCTCT

>naRXA00451
ATGAACACTGAAGAGGATGGCCTGAGCTTTGCAGTTACGGCTACCTTAGTTGAAGGTAAA
TGGCAGGTACGCGAGTTTGAGGATCACTTCTCCAAGCTCTCTACCTCTATTAATGCGGTT
CGCTCGCTGCGTAGCGAGGGGCGGCGTTTGCCTGTTGTGCGTTGATGATGAATATTTT
GTGATGGTGCCTCCACCCCAAGTAGGGTATTCCTTTCTTTTCGGATGCGCCGATGGCT

GTTCGACGATGATTTTCGCCGCCGCGGTGATGGATGAACTCGATGCGGATCTTCCAGATATC
AACCCTGATGATTTGGACGACATCGATCCATGGCCAGAAGGTGATTTTCGATATTTTGGCG
GATTTGGGGCTGTCTGAGGAGGTTCTTTCCGTGATTTGCGATGACATGGATTTGGATCCT
TCCGAACAATTGCTGCGCATCGCGGAAGAACTCGGTTTTGATAATGATCTGGCTCGGGTG
GTGGGATTCGAC

>naRXA00451-downstream
TAGTGGGCGTTTTACCTGTGCAG

>naRXA00455
ATTTTGTCTGGCGCTGTTTGTTCAGTCTTTCTAATTTCAAATATCACCGCAACCAAGGGC
GTAGAAATCGGCCCGTTGGTGACAGACGGTGCGTTCTTCTCTTCCCCATCTCATATGTG
TTGGGCGATGTCTAGCCGAATGTTACGGCTTCAAATCCACTCGTCGTGCCATTCTTACT
GGTTTTGGCATCACGATGCTCGCGGCGCTGTCTTTCTACATTTCCATCTGGCTGCCTGGC
GCAAGTTTCTGGGAAGGCCAAGAAGCTTTCGAAGCAACGCTCGGCCCTGTTCCACAGATC
ATCGTGGCATCACTGGCGGGCTATATTGTGGGTGAGCTGCTCAACGCCAAAGTTCTGGTG
GCTATCAAAAAGCGCACGGGTGAAAAGTCCCTGTGGGCGCGCCTGATTGGTTCCACCGTT
GTCGGAGAATTTGTCGATACCCTGCTGTTTTGCGCCATCGCAGCGCCAGTGATCGGTATT
GCCACCGCCCCGATTTCATCAACTACGTTGTGGTGGGCTTCGTGTGAAAAACCTTCTA
GAGGTATCCTCATGCCCATCACCTACGCAGTCATTAGGTGGGTGAAACGCCGCGAAGGT
TATGAAACCTTCGACGCG

>naRXA00455-downstream
TAGTACCGGCCAAGAATTCTTC

>naRXA00457-upstream
AAACTCTCATGTTGGTTTCATCGTGGTTTCATGAGGCGGGATTAACTAGAGATTGTTAG
CCAATCGGCCAGACACTTCCTCCTAGAAAGGTCCCTCCTC

>naRXA00457
ATGACCATTTGCTCTTGAACACCCAGTACTGCACTCCACGGCGATCGCGTTGCCTGCTCGT
TTTCAGGCGAGCTATACGACGCGTTTGGTGGCGGTGGGCGTCGATAAGCGTCCTTCTGAT
TTTTGGTTGGAAACAGCCGGCACGCCGAGGCGGGCGATGTGGTGATTGCGCGGGTGACG
GCGATTAATAATCACAAGCGGGTGGAGACGCCGAGTCGCGCAAGGCCATTTTGTGTTGAG
GGGGTGTGGTGATGTTGGCGTATGGGCACCGGTATGCGGCGGATCAGTTTTTAGCGCAT
GTACCGGAGGATTTGGGGCCATGCCATTTGGTGGCGGCTGGTGGCATCGCGGGAACGGTG
ACGGCGCTGCACGATCGGGTGGATGAACCCACAGAGATTGAACCGTTGGGATTGCTCACC
AATGCGCGCGGAACTGTGAATGTACGGGACTTTGCGGCTTTTGATAATCCTTTGAAAGTG
GAGGCTCCCAACAAGCGTGCGCAGGTGATCGCGGTGCTGGGAACGTCGATGAACTCTGGA
AAATCCACCACGCTTGCTGCTTGGTCAATGGTTTGGCTGCGGCGGGGCGAAGGTGGCG
GCTGGAAAGATCACGGGCACTGGTGTGGAATGACCGCATGATTTATCACGATGCTGGT
GCTCACAGCGTTATTGATTTACCGACTTTGGCTACCCAACTACGTTCAAGCTGAATTTT
GCGGAGATTTCGTGCGCTGAGCGTCAACATGATTAATGTGCTGGCTGATTCTGGTGCGGAT
ACCGTGATCGTGGAATCGCGGACGGAATTTATCAGGGCGAAACCTCGCGGCTGTTGCGC
GATCAAGTGTTCCAGGAAGCCGTGGATCATGTGGTGTTCTCCGCTGTTGATGCCTTGGGC
GCGAAGGCCGGTGTGCAGGAAGTGCAGGCGGCGGGGCTTCATGTGGCTGCGGCCTCCGGA
GTGATGACGGCTTCGCCGCTGGCCACCGCGGAAGCTGCCGCTGTGCTTGAAGTTCCAGTG
GTGCCCACTTTTGATCTCACCAACCCGAGATCGTCACAGCGGTGCTAACGGATCATGCC

>naRXA00457-downstream
TAGCTTATGGCGTGCTCGTCGCA

>naRXA00462-upstream
TGAAGCCTTGTCATTTTCTACATGTGCATCCGCTTTGACTACCGCCCTTTTCCGCCAGT
CCTTTTAGAAACCAGCAACACAGAAAGCAAGTGATCATT

>naRXA00462
ATGGAAGCTATTGCCATACTATTTGTGATTGGGGCGATTCTTGTGCTCGCGGTCAATTGTC

CTCGGTATTTTCTTCTTAACCTTACGCACCTGGATCAAGGTGGCTGCAGCTGATGAAGCG
 CTCATTGTCTCTCGAAGAAGAAGGGGGAATCGCAGGTCATTGTCCACGGCAAAGCTGTG
 GTAATGCCTATTACCCAGACTCACCAGAAGATCTCTCTGCGTTCCCGTCAGGTAAATATG
 CAGGTGACGGCACAAAGCGATGACAATGTCACGTTGAATGTCGAGGCTGTTGCGCTGGTG
 AAGATCGGTTCCGAAGCTGAGTTTATTCGTCGCGCTGCCAGCGCTTCGCTTCCAGTGAC
 AAAGAAATTGTTCCGTTTACACAGGATCAGCTGGAAGGTGTGCTTCGTGGTGTCTGGG
 CAGCAAACAGTCACGTCGCTCATGCGTGAGCGTAAAAAATTCTCCGAGCAGATCGCTGAA
 ACAGTCATCCCCGAGCTAGAGAAGCAGGGTTTGATTCTTGACTCCTTCCAGATTCTGTGGC
 ATCACCGATGATGTGGGATACATCAAATCCCTCGGCGCACCGGAAATTCAGGCAAAGAAG
 CAGGCTGCGGAAATTGCAGAACTGAAGCTGCTCGTGCGATCGCTAAATCACGCATTGCT
 AACCAAGAGGCAGATCTGGTTGAACAGACCCAACTTGATGCCAACAAGGCTGCCGCTGAT
 GCTCAGGTCGGTGAAGCCCGTGCCAGGCTATGCAGGCTGAACGCCTTGCCGATGAAAAA
 GCTCGACTAGAGGTTCTTCGCCAACAGGCTGAAAATAAGCAGATCGAGCTGGAAGCCGAA
 GTGAACAAGGTGGCCGACGCTGAACGCTACCGCCGCAAGCAGGAAGTCGAGCCGATACT
 TTCGAGCAAACAGGCGCGCACAGGCTCAGGTCGAAATCGCAGAAGCCGAAGCTACCGCT
 GCAAAGGTTCTGTCAATGGCTGAAGCCGAAGCTGTTGATTGAAGGGACAGGCAGAGGCA
 GACGCTATCAAGGCAAAGGCCGAGGCCCTACCGCGAAAACCAAGAAGCACTACTCGCCAG
 CAAGCATGGAAATCCTGCCGGAACCTCATGAGCAACTTCGCCTCTGGATACGCAAACATT
 GGATCCATGACAGTGCTCTCCGGTGGAGAAGGATCCGAGAATTCCGTGGGTTCACGTTTT
 GCCGGTGAACAAGCACTTGGACTGAAATCCATTATTGAATCAGTCAAGCAAACACCGGC
 ATTGATCTAGCTGAGATCATCCAAGGCCGTGCTGCTGGACATGCACAGGGCTCCGCTCAG
 GGTGCAGCGATTGCTGAAGCGCTTTCACGCGATGAACTGTGGAAGATCGCTCTGAAAAA

>naRXA00462-downstream
 TAATCTAGCTGCCAGCGCATCG

>naRXA00463-upstream
 TACCACGCTAGTCCAGCACTCTCGGATTAAGCGGATGTACCTCCGTAACCTCCAGTGC
 TACGAGCTCCCTGAACCGCCGACTAAAGTTGCGGCGGCA

>naRXA00463
 ATGCAGACAACGACTGGGGAGACGTCGATAAGCAATGAAACCTCGTTTAAACGCCTCACGC
 GAAACCTCGCTGACGGCGCTGGGTTTCTTGGACTATCTTGACGAGGAGCAACGCGCCGCC
 TTGCTCGGTGAAGGCCTGGACATCAGCACGCTGACCTGGGCCAACCAGGTTACCGCGCTG
 CGTGTGCTGGAATCCCTCTTCAATGAGCATGCATACGAGCTGGTTTCTGCAGTGATTGAG
 CATGTAGCTCAAGAACCTGGCGATAATCCACACCACTTTCTGAAGTTCTCGCTGAACCA
 TCCACCGAGAATTCTTGGGAATTGACCCTGGATGGACCAACTGTGCGATTGAAAGTCACT
 TTCGATCCGGACGGTCAGATCACTTTCAAGGATGCTCATTGCGGCTGAGCCAGCTGAG
 GTCGTTAGTGTACTGAGGCGTTAGATACCTCCTATTTCGGAATCGCAAATCAAAAAGCT
 GCGGAACAACCTGGTGGGAAGCCTCAATCCAACCCAGCAGGCAGCGCTCCAAGGATCCGGT
 TTGCGAGGAGCACAGCTCACTGAAGAGCAAAAGACCCTGTTCTTAAAGATGACCTCCAAC
 TGGATCGACCTTGCCAATGGCGATTCCGGCTCTGAACAGCAAGAAGAAATCGCTGATACG
 TTCAGTGATACCTACATCATTTGGAATGAGCAGAAAGATGGCTCAGCATTTCTCCAGATG
 AAAGGCCCTGAGCTCGACTTCAGCTATAAAGAGAGCGTGCCTGAAAACGCTGAACTCTCT
 GCACGGGAGTCCCAATATTACAGACCTCTTTTCACTCACCT

>naRXA00463-downstream
 TAACTGGCATTGGTTTAGTTTGG

>naRXA00468-upstream
 GGCAGAATTTTGCTCAAGTTGCCTAAATCAAGCACCCGTTGGAATAAGTGCCACCCCTT
 GGTTTATTCTTGAATCACTTAAGTTTTGAATTTTAGTT

>naRXA00468
 GTGAAAGTAGTTGATGCACAAGTGGTTATGGGGCCAACCCACGCTATGAGCGGTGCAGCC
 GTGGGGCTTGCTGTTGCTCAAATTCTCCAGCAGAAATGGGGTGGGGTTACCACCGCCACG
 GAGGCTTTTATTTATCGGGGTTAGCGGGGGTGCAGCGCTGCTCCCGACCTTGATTCA
 CCGCAGGCCACGGTGTGCGGTTCTTTTGGTCCGATTACCAAGTGATTTGCGGTTTTACA

GAGAATATTTGCCAAACTTTCGTCAATGTCACCAGGGGCAGGAAAGACAAACACTGCAAC
AACGGGCACCGCACGTTGACACATACGGTGTGGAGCGCTGCTGCCACAGGCGCTGGTGCC
ACAGCGCTAATTGGCGCCTATGGAACCTGCGGTGATTGGTTTGTCTGTTTTCTTCCTC
GGGCTCGCCATTAGAGGTCTCATGCCTGAATGGTCAAAGAACGCAGATTGGCTTTTAGTT
ACTGGAGCTTCCGCTGCATTAGCAGTGGGAGTATGGAATTATGCTCCCGAAAGTTCATTC
GGCATTGTGTTAGGCTCCGCCATTACAGTTGGAAGCCTGACCCAETTTGGGTGGGEGATATG
GCCACTAAGGCCGGTATCCCAGCATTGCCCCGGTCATTCCGCTGAAGGGCAAACGCTGG
TGGAACCTCAAATTGCCTAAGTTTTTAAGCATTGCTGCCAACGGTCTGCCGATAAGTTT
TTACTGTTCTGTTCTCGGTGGCGGTTCATCATTGAGATTGGTTTGGTCTCATCGGGAAAT
ATGAGCACCATTATGATGAATCTGCTTAGTCTGCACTG

>naRXA00468-downstream
TAATTAATGGCAGTTGCGTTTCG

>naRXA00469-upstream
TGCCCTGCGACACCAAACCATCAGGGAAGACCCTGAACGCCACCTTTTCAGGGCTTTCC
CCCATTCACTTATCAGCCTCAACACTCCACAATAGAGTCT

>naRXA00469
ATGAGTACTTTTCAGGAGCCCCACCACAACCAGGGATTTCATCCCTTTTGCCCAACCTGGT
TATGAAGCTCCAACACCACACCTTGCAACTGGTACTTTTCAGCAAATGTGGCAGACCCGC
CCCGCACGCATCCCTGCCAAGCAAGGTGGTCACGCCAAAGTAGCTGGTGTCTGTGAAGGC
ATTGGTGTGCGTTATCAAATCGACCCGGTGTCTCATTCGTCTATTTTTCTGTTGCTACTGGT
GTCTTCGGCGCCGGTGTGCGAGCCTATCTCATTCGATGGCTGTGCATGCCCCGCTACTCC
GTTCCGGTCTCCCCATCGAAGCTCTCTGGACCCCGGGCCACACCAAAGACCGCAACCAC
GGCTGGTGGCTGGTCATCGCGTTCTTTATGTTCTCAGGTGTTTTATCCTCCGGCGCTGGA
GGAATATCCGGCCAGCAGCAGCCATTACTTACCTTTGCCTTTTAGCCATGTGGTGGGCG
TTGCATAAGAAACAACCACTTCCACCCCGGGACTACTCACTGAATTCATGTTTCT
GAGGATGCCACCATGAAAAACGAAGATCTCTACCCACGACCCCAACCAGATCTAAGCACT
ATCACCCCGTTGAGGGCTACTATGCACCTTCGCGCAACAAACCCCGAAGCGCCTCAT
TGGGATCCACTTGCCCAAAACCAATACAACACCTGGGATGTACAAGTCCCTCCACAAAAG
CCTCAGAAAAAGCGCCATGTGTGGCCATGGATTGTGGCGGTGTAGTTGGTACCGGAGTT
GTCATGAGCGCCCTCGCAGGCCTGTTTATTTCAAATATCGATCCCATCTACTTTGAAGAC
GACCTTGGAAATCGGCGATGTCAATCTCATCCCCACCAACGATGAACCTCTCAGCAGTAC
ACCTCTGGTTCAGCTGAAATGAACCTAGATTTCAGCAACCTCACCCAACCTTGATCAGGAA
CAAAACGTTCAAATCACCTCAGGTATCGGTGAAGTCATGGTGACCTGCCTGATGACGTG
CCAGTAAGCTTGAGTTGCTCCGCCGGTGTGGGCACAGCGCGCTGTGATGTTGGAGACCTC
GCCGCCACAATGCTGATTTGGAAGGTCCGATGTTGAATCTGGTTGTAAATCTGGAATC
GGCGATGTGAAGTGGAGTTTCGCTGATCAGAATGAC

>naRXA00469-downstream
TAGCCCGACCTATGTGAGTAGT

>naRXA00472-upstream
GTCTAAACGCTCCCGTGCTTTTCGCCACAGCATTAATCGCCTTGGGCCTAGGGCTATCTTC
CTGCTCTACTACGGAAGATACCGCTATATCGGAGACGACA

>naRXA00472
GTGTCTAGTGTGCAACGAAAACAACCTCGACTCTGCCTGAAATGAACTCCGCAGTATCA
GCAGACGGCGTGACGATCACTATCGATTCTGCCTTCACGACAGACTCTGTAGAAATGGAA
TCCCTAGACAGACCTTCTGGCGACATCCAACCCGAGATGTCTAGAGAAGACGGAATCTTT
GTCGTAGTTCGAAACCACTATAAAGAACGAGAGTGAGCAGATATGGACATCACCTGTGCA
TCCACTGGTTCAACTGTCTATGCAGAAATCTCCACTAATCAAGAGGCCGTATACCAACCA
ATACGCGATTTATTCCTCATCCCAGGAAACCCGGAATGCAACCATAATCTAGGATCCGGT
TTCGACGCACCAATGACTTGGGTATTTCAAATCCCTAAAGATGCCACTGCGGAGCGATTT
GGATTACACATAGTGAGCTCGGTGATGGGAACTAACTTGGATTGCACTCAATGATTTG
AGTAATTCGGAGCCAGCTACTGAATCAACTATGCGAGACGAAGCAGCAATCGATCCGAGC
ACCCCTCAGCAAACTCCAGTACAGGAACTGTGATCTCACAAAACACCATTGAAACTCCT
GTAGCCCTGCTCCTGCGGTACCTGCTTATGGCGCTTCTTGCCCTGTCTCGATGCTCCAG
CAGCCAAGTCAAGCTGCAGATGGTTTCAGCTTTGGTCTGCATTTATGCAGGAACCCCCAAC

CCAATCTGGGTCTACGGCCCAGAACCTCTCGGAGTCGGGACTGCTACACCGGGTGGGGCA
TGCGAAGGATACGAGGCCGGTGGGCAAGATGCTTCTGGAAATATAATGATGTGCTCAGGC
GGACAATGGGTCTATGGGCCA

>naRXA00472-downstream
TAAATCTAAATCAAAGAGTGCA

>naRXA00473-upstream
CCACCCCTTTTCTCACACCGCCCGCATGAACAGGCTGGTTGCACACCGTTGAAAATGA
GTGTTTACTGGAACTCATGAGTGGAACAGGTGTTTCGAAAG

>naRXA00473
TTGTGGGGAGATGGCACTCCGGTGTGCTCCCTGACCTTTCAGGATTAAGTAGAGCGGAG
CGCATTGATGCGTTGCGTTTCACGCATGTCCACCATGGGTGCTGCGGTGCCAAAGTTTGAG
CCGTCGGTGGAAAGAAAGTGCTGAACAAAAGCAGGATTCTCTCGCCGAAAAACAGGACATA
GTTGCAGTTCCCTCCGCTTTTTCTGATCTTTTCCCTGGGGATGGTTTGCCGCGTCGTGCG
GTTACTCAATTGGTTGAACAGCCACTTGTGGTGGTGGACTTCCTGGCTCATATTACTGCC
CAGGGTGGACACCGCTGCGGTGATTGGGTGGAAAGATTAGCCTACGCCGGGTGATTGAT
TCCGGAGGTGTGTGCGAGAACATCATTGCTATTCCAAATCCTGGTACGGAGCCACTGAAT
GTGGCAGCGGTGCTGTGTGAGGGTTGGATGTGGTGTGTACAAAGGCCCGGAGATTTC
CTGTGCGCAACCAGAGCGAGGCCGTTGCTGGGAAAGCTGAGGCAGGGGACTGCTGCCTTG
GTGATGGTTGGCAGAAAGTAAGCTCACCGGCGCTGTGCGTGGATGCAGAGTCACTGAT
TATGTTGGCATTGGTGCAGGTAGTGGGCGTATTCGTGGCGTTGAGATGCAGGTGCGGGCT
GTGTCGAAAACTCACGGTGTGCGCAGCGGAAAAGTCCTGATCAGTAGGCCCTCAGGATGCA
GCATTGCTTGAGCCTGAACAGCCAACAACGTTGCGGGCGGTCCCA

>naRXA00473-downstream
TGACGCGGGTGATGGCATTGTGG

>naRXA00474-upstream
GTGTGCGCAGCGGAAAAGTCTGATCAGTAGGCCTCAGGATGCAGCATTGCTTGAGCCTG
AACAGCCAACAACGTTGCGGGCGGTCCCATGACGCGGGTG

>naRXA00474
ATGGCATTGTGTTTCCGGATTGGCCTGTGCGAGCGGTTTCAATTTGGATGAAGATGCTCCC
GCGCACAAATAACCTGTGGCGATTGCTGCGCATTACCGCATCCAGGTGTGTGGCGTGGCT
GCGCGCAAGCGTGGGGTGGCTGCGTGGGATGAAGGTTCCGGCAGGCGCAGGCTGTGTGCCCT
GAGCTGGAGGTTGTTGACGCGGATGCAGATCGTGATGCCCCGATGTTTGAGGGCATCGTG
GCATCGCTCGGTGAGGTTGCCTCCAGCGTCGAGGTGCTTCGTCCGGGTCTGGTCGCGGTC
GATGCGGGAGCTGCCGCGCGCTATTACGGTTCAGAGGACATCGCTGCTCAGATGCTTATC
GACGCCGCCCTGCGCCAAGGCATCGACGTTTTTCGCCGGGGTTGCGGATGAGATCACGACG
GCCGTCATCGCGCGAGGGCGAATGGTGGGACTGTGGTGAAGAGGGAGGCGTCGAGAAGC
TTTTTACAGCAGCAACCCCTGGGCGTGCTGGCGGCCGAGGAAGCGCTGGGTTGTGAGGCG
GAGGTGGTGCGCGCGCTGGCGGATCTGGGATGCGCACGCTTGGTGAGCTGGCGGAACTG
CCGGTAGAAGCCGTGGCGACGCGTTTTCCGGCAACGCTGGTCTGCGGTGTCACAACATTGCG
CGTGCCAGGCACGATCGTAAGGTCGCGCCACCGATCACGCATGCAGATTGGGAGGTTTCG
CATGTGCCGAGGAGCCTATTTTTCGTGTGCGACGCCGCTCGTTTGTGCGCGCAACCTT
GCCTCGCGCCTGCATCAACTGCTGAGCAAAGGTGGCGTGGTGTGCCAATTGCTCAAGGTC
ACAGCCGATTTCACTACTGGTGATACGGTGAGCAGAATTTGGCGTACCGGTGAACCTTTA
ACGGAACAGGCAACTGCGGATCGGGTGCCTTGGCAGTTGGATGGGTGGTTGACTGCGCGC
GGTGTGATTTCCGATGATCCGAATGAGCACGATGGGATTACGGCGTTGTGGCTTATTCCT
TTGGAAATGTGTCCACCGGATATGGCCAGCGCGGATTGTGGGATACCGGGCGCAGCCAG
CAGCATGTGGCCAGACAAGTCATTGAGCGTGTGCAATCAAGCTTGGGCGTGGATGCGGGTG
CTGCAGCCTGTTCCGGCTGGTGGTGGGGAGTAGAAGAACGCATTCAATTTGTTCCCTAT
GGTGAACAAACGTGATGCTATCCGCAATCCAGCGGGGTGCTGGCCAGGGAAAATACCAGGT
CCGCTGCCTGCTCGGTTGGGCGGTGGGATCAACCACCGGCCCTCGCAAGTGACCATGATT
GATACAGAAGGGCAGCGTATTTACGTACCGCAGAGGCATTGCTCAGCTCGTCGCGGTAT
GCCTTGTCTGGGGGCCGGCCCGCTATTTGATCACTGGCTGGGCTGGGCCATGGCCGGTG
GATGATCGATGGTGGGAGAAAAACGGCACAAAATATGCCCCCTCCAAGTGGTGGGACGG

GCAGTATCTGAAGAAAGGCAGCTCAATGCGTGGCTGTTGATGTGGAAAGACAACAAGTGG
CGGATTGAGGCCACATAT

>naRXA00474-downstream
TAGGAACTACTGCGCTAAACA

>naRXA00475-upstream
GGGGTGTCTGTAATTTTCACGTCTCCTGGCGTTTTTAAGACGAATTACAACAATTCGTTT
ACGATTGAGCGAAATTGGGCGTCTTGCTTAGGTTTCGGGG

>naRXA00475
GTGACCCAGGGTTACGGTGTGTGCATGATTGTGCAGCCAACTTCTCATTCAAAGCATCGT
GCCCCCTGAAGACTCTAGCGATTGTGCGCGCTAGCGCGTTGACTCTTGCGGGTTGTGGA
ACCTCCAATTCACCACCAACGATGCTTCTTGTAAACCAAATATGTCCGCAACTGCG
GATGGCGCACAGTTGTCCAACGAAGCTTCCACCGGCCAACCGCATTTGGGCGAAGCCGAT
GTAGCAATGAAGACTCTCCGACCTGATGCGCCTGCACAGCTCATGGTCACCGATGTTTCGG
ATTGGCTCTCAGATGGCTTTGACCGCGTGGTATTTGATCTCACTGGCACCGGAATCCT
GGTTGGTTCAATTGATTACACCTCCAATCCCACCCAGCAGGGCAGCGGAAACACCATCAAC
TTCACGGGCGATACAGCGCTGAACGTAAATATTGACGGTACTGTTTATCCTTTTCGATTTG
GGCCTTGAGGATCCAGAGATCGGCACCGTGGATGGCTCCGGCAGCATTTGCACCCAGGTC
GTCAGCGCAGGTACTTTTGGGGACGCTCCAGTTTCGTCATCGGCCCTAACGGCAAGCAC
CGCTACTCGGTCACTGAGTTGCAGGATCCGCACCGTCTCGTTGTGGATGTTTATAGCGCAG

>naRXA00475-downstream
TAGTTTCCTAATATGTGGCCTCA

>naRXA00476-upstream
GTGAACGAATTGTTGTAATTCGTCTTAAAAACGCCAGGAGACGTGAAAATTACAGACACC
CCAGACATCAGATGGAGGCGGCGATACTAGGGTAGAGGAC

>naRXA00476
ATGACTCTTCGCTGTCTGACGTCAATGTTGAACCCCTGCCGGGAACGGCAAAAAACAGGT
TCTGGGTTTGTCTCCTTGAACATGCTGGCTCGTGGAGCCGTGATGTTTATAGCGGCGGA
ACATTTGATCCTGACTGATCAATTGAAGAGGCACCTGAAAGCTTCCGGAATGGGT
CTGCAATTAATTAGGAAGCCGGAAGGGAGGGTCGAAACGTCGAAAAGCATAATCTTTTT
CTCGTTTTTGTGAGGCCTCAATTATTGAGCACCTGGTGGTGGACGCGCCGGCTGATGTT
TTGGATCTTGATTTAAGCGGGCCGGGCAAAAACAATGCGCAGCGCATGGATGATCCGATG
CTGCTGATTTGTACGCATTGGAAGCGCGATGTGTGCTGCGCGATCAAGGGGCGTCCGCTG
GCAGCTGCCGTGGAGCCACAATTTGGGCCGCTGCATGTGTGGGAGGCTTCGCACACCAAG
GGCCACCGTTTTGCGCCATCGATGCTGCTCATGCCGTGGAATTACTCTTATGGCCTACTT
GATGAGGCCGAAACCGTGCAGCTTTTCCAAGCGCGTTGGACAACAACTCTTCTGCGG
GGCAACCGTGGCCGAGGAACCTTAGATGCTCGTGCCAGGTTGCAGAAATTGCCGTGGCG
GAAGCTTTCGGCGAGCGGTTGCTCCTGCGAGTTTGCAGGTTGAATTCGAAGATGATTCT
GTTTTGGTTACTCATCCCGATGGGCGCACGTGGGTTGTGGAGCTTGAACGCATCGAGGTC
GACGGCGTGGTGTCTCGTGTGGTGATCAGCCGAAAACCTGGAAAAGCGTGGGTGGCTAGG
CAAGTTACAGAACTGATCGGA

>naRXA00476-downstream
TAAAAGCAGAGTTATATCTGATG

>naRXA00481-upstream
GTCCATAAAAATAATGTGCCTACAAGAAATTTATAGTATCCCATGAGTTAATATTTTTAA
AAATAAACTTTATCTGACTTTGTAGAAAAAGGTGATTACT

>naRXA00481
ATGCTGAATATGCAGGAACCAGATAAAATCCATCCGGCAGAACCTACACTTCGTAATATT
TATGACGTTAAACTAGTGATCCCAAAGTGAATTAGTTGATCGTTCTGGCATGTCCGAA
GAAGACATTGCGCAAATTTGGGCGGCTAATGAAATCGTTGGCCAGTCTTCGCGATGTGGAA

CGTAGTATTGGTGAAGCCTCGGCACGTTATATGGAGCTAAGTGCCCCTGATATGCGAGCT
TTGCACTATTTGATTGTGGCGGGCAATGCGGGCGAAGTGGTGAAGTCCAGGAATGCTTGGG
GCTCACCTTAAGCTTTCCCGGCATCTGTAACAAAGACGCTTAATAGGCTAGAAAAAGGT
GGGCATATTGTTGTAATGTGCACCCCGTCGACCGCAGGGCTTTGCCCCCATGGTCACT
GATGCCACTCGTGAGAGGCGATGCGGACGCTTGGTAAGCATCAGGCGCGTCGTTTTGAT
GCTGCTAAACGATTAACTCCACAAGAGCGTGAAGTGGTTATCCGATTCCCTCAGGATATG
GCACAGGAGTTATCCCTTAATAATGCACCATGGCTCAACACGGAG

>naRXA00481-downstream
TAGATGACCATCTACGTTAATTA

>naRXA00485-upstream
TGCAGCCTCTGTAAAGCAATCAGACGGGATTTACGCCAGTACTTCAGTCCAGTCAATTTT
GGAAGGCCCACTGCAGTGGCGGCCAATCCTAGAAGGCCGA

>naRXA00485
TTGCCCCAAGGACCTGGTGAGATTGCAGTAACAACGGCCCCGGGTGCGCCTGAAGTTGGT
GAGCACGTATCCATTGCGCTGTCCCAAAACACTGAGGACACTGAGGTTCTGTGGTTGGC
GTGGTGGAGCCAGCGGCGCAGGAACTTTAGGTGGCGCACCGTTCGTTGTGGCGTCTCCT
GATGCGCTGATGGAGTGAATTCTTCCGGTGTGCGGGGTGAATCCGAGTGGCAACTTCC
GATCCTGCCTCGTAGAGGCTGCAAGCTTTAGCGACGCTACGGTGGTGGTTGCTTCGGCG
GAGGGGCACGTCGATAAGCTTGCTGATTCTTATTTGGGCCAGCGAGATCGCTATTTCTTG
CTGCTCGCAGCGTTTGTGGCAGTGGCTGCTGCCGTGGCGTTTTTGGTGGTCTTTTCTGCA
TATTCGGTGCTCACTGGTGAGCGAGTTCGCGAGTTCGGGCTGATTGCTTCAGTGGGCGCA
TCGACGCCGCGAGATTTTGGGGTCAGTGATTTTGAAGCCGGCATCCTCGGTGTGGTGGCT
GCTGGTTTTGGTGCGCCCCCGGATTGATGGCGGCGCGTTTGTGGCGGATAATGCCGCA
CGTTTTGGCATTCGTGTGCCATTGATGTGATTGATCTGCCAAGTAGCACGATGTGGCTC
ATCGCTGGCGTGGCGTGGTGATGTCCGTGATTGCGGCATTACCGGCAGTGTTCAGTGTG
TGCAGAAAATCCGCACTGGAATCACTGAGTACGCTGCTATTTGAGGACTTCCCCCTGG
TTCGGTGCATTATGGTTGCTGCTCGCGGGCATTGTGGGCGCCGGCGGAATGTGGGCGTAT
GAGGCAACCTCGGACTACCGCGGCATGCGTTCACTGGCTTTATCCATCGCCGGTTCAGGC
GCTTTGGTGTGTGCGTTGTTGATTGCCACGGCGGTGCTCGTGCCCTGGTTATTGCACGTA
TTCTCCAGGATTGTGGGCGGCACCGTCCCAACACTTCAGTTGGGATTGGCGTTTGCAGCA
AAGCAGAAATCTCGTTCCGCGGCGCTGATCGCTGTGATTCTTGTGGTTCTGCATTAAGC
TCCGCTGTTCTGCATGGCCAGGCACATATCGGCACGCATTTGGTGGCCGTGGCTAAAGGC
ATGGGCGGCACAGACATGATGGTTACAGCGCTTGATGGGGAAATCCCCGCGGAATGCTG
GAGGAAATCTCTAGCATCGACGGCGTGAAACTGCCATCGCGCCAGCCACCACCGCTGTG
GAATTGGAAGATTCCGGCAATTTCTCTGTGCTCATGCTCGCTGAAGAAGACGGAGCCTCC
GTGATGCGCGCAGGCGATACTGGTGCACAGCTGGTGGCCTTGTGTTGGGAGAACTCT
CCTGACCAGGATGCTTACCCGGCCGGCCAGGCTGCAACATCATTGTGCGGATACCCCA
ACGCAGGCGGAAATCTTCCACAGCGACAACACTTCTCCATGATCGACCCAGCACTCGCC
ACCGGCCCCAGCACACGCAACGTACTGATCCTGCTCGACGGCGACTCCAACAGGCC
CCCGACAACGCCACGGCGCAGGCGGTACGCAAGACCATTTCGCTTTTCGACGGACGATAC
TCCATCACCGAGGGTTTCTCCGCCCGCCAAAACACTTTTGAAGTGGTTTCCCGCATCACC
ACCATGTCCACACTGCTTGCCATCGTGGCCTTAGCGATCGCTGCCGTTGGCCTGATCAAC
ACAGTGGCACTCACCATTTCTGAGCGTGCCCGCGATCGTTATTTGCTGCGCACCATTGGA
CTGACCTCAACTGGTCAGATTCTGGTGATGGCTATTGAAATGATCGCGCTCTCATTGCCG
GCTGCCATTGTTGGTGCAGTTTCGGGAGGATTCTTAGGCAGATTGTTGCCAGTTCTGCC
ACCAACACCGCTGCGACGGCACCACTTCAAGTAGACATTCTCGGCGGAACGGTTCTCGCG
ATGGTTCGAGGATCTGTACTGTGCGCGCTCATCGTGTGGCGAACAAACGACGTCGGGTG
GTT

>naRXA00485-downstream
TGATTATAAAATCCAAAAATCGA

>naRXA00486
CATGCGATCATGGCAGCAGTCGACCATGCCCGCGCAGCCGTTCTAGATTGCTGTCTGAA
GTGTCCGGAACGTTGAAAGTCACTCCTTCCAATCCCTGCTGTTTACCCTTGCCCCGAAA
GCCATCGCGCGCTGACCGAGAAATACCCACACCTGCAAGTAGAAATCTCCCAACTAGAA

GTACCGCAGCGCTCGAAGAACTCCGCGCCCGCGCTCGACGTCGCACTCGGCGAGGAA
TACCCCGTGGAAGTCCCCCTTGTTGAGGCCAGCATTACCGCGAAGTCTCTTCGAAGAC
CCCATGCTGCTCGTCACCCAGCAAGCGGCCCATACTCTGGCCTCACCTGCCAGAACTC
CGCGACATCCCCATCGCCATCGATCCACCCGACCTTCCCGCGGGCGAATGGGTCCATAGG
CTCTGCCGGCGCGCCGGGTTTGGACCCCGCGTGACCTTTGAAACCAGCGATCCCATGCTC
CAAGCACACCTCGTGCGTAGCGGCTTGCCCGTGACATTTTCCCCACACTGETEAE~~EEEEG~~
ATGCTGGAAAGCGTGACATCCAGCCGCTGCCCGGCAACCCACGCGCACGCTCTACACC
GCGGTACAGGAAGGGCGCCAGGGGCATCCAGCCATTAAAGCTTTTCGACGAGCCCTCGCC
CATGTGGCCAAAGAATCTTATTTGGAGGCTCGTCTAGTAGAG

>naRXA00486-downstream
TGAGTTCTTGAGCCTTCAGAC

>naRXA00490-upstream
GATTGAGCACGACCTCCAAAATTGTTTCAGTATTACTTAACTATAGTTGGCTGTTTTTC
GATCTAGTCCTTAAAGGTTTCTTTGGCAATAATCAAGGGC

>naRXA00490
ATGAATAAACAGTCCGCTGCAGTGTTGATGGTGATGGGTTCGCCCTATCCCTGCAATTT
GGTGCTGCCATTGGAACGCAGCTTTTCCCCCTCAACGGCCCTGGGCTGTCACCTCTTTA
AGGCTGTTTCATCGCAGGCTTGATCATGTGCCTGGTGATCCGCCCGCGACTTCGTTCTTGG
ACTAAAAACAATGGATCGCCGTGCTGCTGTTGGGATTATCTCTTGGCGGAATGAACAGC
CTGTTTTACGCATCCATCGAACTCATCCCGCTGGGTACCGCCGTGACCATGAGTTCCCTC
GGCCCCCTGATTTTCTCCGCGGTGTTAGCCCGCACGCTGAAAAACGGATTGTGCGTGGCT
TTAGCGTTTCTCGGCATGGCACTACTGGGTATCGATTCCCTCAGCGGCGAAACCCCTTGAC
CCACTCGGCGTCATTTTCGCAGCCGTGCGAGGAATCTTCTGGGTGTGCTACATCCTGGCA
TCAAAGAAAAATCGGCCAACTCATCCCGGAACAAGCGGCCTGGCCGTGCGACTGATTATC
GGCGCAGTGGCAGTATTTCCACTGGGTGCTACACACATGGGCCCGATTTTCCAGACCCCA
ACCCTACTCATCTGGCGCTTGGCACAGCACTTCTCGGGTCGCTTATCCCTATTCTGCTG
GAATTATCGGCACTGCGCCGACTCCCCGCCCATTTTCAGTATTCTGCTCAGCCTCGAA
CCGGCATTCGCGCCGCCGTGCGCTGGATCCTGCTTGATCAAACCCACCGCGCTCAAG
TGGGCCGCGATCATCCTTGTTCATCGCGCCAGCATCGGCGTCACGTGGGAGCCTAAAAAG
ATGCTTGTGACGCGCCCTCCACTCAAATGCAACGCGAAGAGGCGAGTACACACACCT
AGT

>naRXA00490-downstream
TAACGTGCAGGCTTACCTTTTGG

>naRXA00491-upstream
TCCTCATAGTGTGCCACAATTATCTAACTTTAGTAGCTTGTCTTAAATCGGATAACC
GCTGCAGCTCACAGCTATTCCACAACCGGAAATCTGGCA

>naRXA00491
GTGTATTGGGTTTTAGCAACCTCTGCCAATAGGGTGGAAGATGTGAACTTTGATGCGATG
ATGCCCCGCGACCCGTTTGCCGATGATCCCAATGACCCGGCATCGTTTATTACCGACGAT
GACCCTTATGATCATCCGAACCGCTTTCTGAAGAAGAGCGAATCCACGTGAGCCAAGAC
CTTCGCCTCGTGATGGAATTTAAAAAGTTTTAGGTCCCCGAGGAATCGAAGGCGTGTTT
TTCATGTGCGAAGACTGCGAAGAGTTCCACTACTACGACTGGGACATCATGGCAGCAAAC
ATGCGCGCCACCTTGCTGGGGAACCTCAGCCCGTGATGAACCAAGTGCGCAACCCAAAT
ATTGATGCCTATGTGCCGTGGGACTACTGCATTGGTTACCTAGACGGACTTGAAGCCAAA

>naRXA00491-downstream
TAAAACTGCTAGCAACTAAAGA

>naRXA00493
TTCGAAGGCGACCAGAAGGTGCGCGTTCGCGCACTGGCTACTGCTTTGGGCAAGCCAGCG
TACTGGATCGCCTCAACGCAGGTCTTGACGGCTCTGTTGTTGTTGCACGCACTGCTGCT
CTGCCAAACGGCGAGGGCTTCAACGCTGCAACTTTGGAATACGGAAACCTGATCAACGAC

GGTGTATCGACCCAGTCAAGGTCACCCATTCCGCAGTAGTGAATGCAACCTCTGTTGCA
CGCATGGTTCTGACCACTGAGGCTTCTGTTGTTGAGAAGCCTGCAGAAGAAGCAGCCGAT
GCACATGCAGGACATCATACCAC

>naRXA00493-downstream
TAAAGTTCTGTGAAAAACACCGT

>naRXA00496-upstream
CTGCAGAGATGGTGGGCAGCACCCAGGTGCTGTACGAGTTGCCAACACAGGGCACTCA
CGACACTTCGAAGCACACTTGAGCAGCAGGAGAACAAGTA

>naRXA00496
ATGACTCGACGCTCATATGGTGGTGAGCAGGATGGCCAGGAACACGTTAAAGGACAGCTA
AAGCAGCTGTTTCGACGACGACGCGTTCTTGACTGACCTGTCCCGCGGCGTTGATCCCTCA
GAGGGCGATGACGCCCTCGCTGGCCTCCTCCTCGATTTAACAAAGGAAGCTCAGGAGCCG
CCGGCAACAATGCCGGATTGGTCTACTTTGCTCCCTGGAATTTGGATCAGGATCAGGAT
TTGCCAGTGAATCCACTTCGGACACCACGGTTATGCAGGCATCAAACCTGCAACCCAA
GAATTCGCACCTGTTCTATTTCTGATACCCCAACACTGCAACTAATTCAGCTGATGCA
GATGAGTCCGCAACTGTTGTTCCACTTGACGACGCGGTGAG

>naRXA00504-upstream
AAGGTGGATTTGAAGCGAATTGTCTAGCTCTGCATGAATTCCGTATGAATTCTTTTCTTT
CAAGTGGCCGAGATGTGAAGCGCACGGTTAATTGAGAGGC

>naRXA00504
ATGACCTACGGATTTCTTGTCAACACAGATCTCACCCACCGCGCGATTGACTTTGATTTA
GAAAACGCTGCGAAGTTCTCGGCGGTGCCGATGATGGCCGCGTCTGCTGCTGCTTTCCAA
GAGGATGGCACCTGTACGCCGCTCTCTACAGCGCCAGCGCAAAAGATGAGGGTGCCGCA
GCAAACCCAGTAGCATCCCTTGCCGCAACGCCGCTGCTACCGGTGATGGCTCCTTCTTC
TCTGAT

>naRXA00505
GATCTGATCCACATGGATGCCTACCGATTGCTGGGCGAAGACAGCGAGGATGCTGATCCG
ATCGGTGCGCTGGACTCTTTGGATTTGGATACCGATTTGGACTTGGCTGTGGTTGTTGCG
GAATGGGGCGGTGGCTTGGTGGAGCAGATCGCTGACTCGTATCTTTTGATTACCATTTGAT
CGAGAGACCGCTGTGCAGGAAGACCCGGAATCTGAGGCTCGAATTTCCATTGGGAATGG
CGCGAAGGCCGC

>naRXA00505-downstream
TGAGAAAGTTTCCACGCTAAAA

>naRXA00506-upstream
GTTGGATCTTGCATTGAAAAAATGAAAACCTCGTCGGGAATGCAACTTGGGATCACGTCT
CGGGCAAGAAACGTCCTTAAAAAAGGGGAGTGATTGTGA

>naRXA00506
GTGCTTGATTTCTTAGCTGCGAACCCGCTGATTGCGCTGGTGGTTATTTTGGCCGTTGGT
TTAGCAATTGGTCAGATTAGGGTCTTTGGCCTTTCTTTAGGTGCCGCCGCGGTGCTGTTT
GTGGCCCTGGTGGTTCAACTGCAAAATACCGACATCGTCATCCCCATGATTGTTTATCAG
CTGGGCTTGGCGATGTTCTGTTTATGTATCGGTTTGTCCGCCGACCAGCATTTTTCAGT
GAGTTCGCTAAAAAGGGCTGGAAGCTCACCATCTTTATGCTCCTGCTGGCAACACTG
ATTGGTTTGGCGTGGGTGCTTATTAAGTCACTGGGGCTTGATGCAGCGATCGGTACCGGT
ATGTTACCCGCGCGCTGACCTCGACTCCCGGTATGGCAGCGGTGCTGGAATTGATTGAA
GGAATCGATCCAAGCCTTGCCAGTGAACCTGTTATTGGTTATTCCTTGGCATATCCGGGA
GCCGTGCTGGGATCCATTGTGGTGGCCGCGGTGGAGCGAACTGCTCAAAGTAAATCAC
CGGGAAGATGCTCGAAAAGAAGGCATGATACCCGCACCGCTGGTGTGGAAGGGTGTGCAG
CTCAAACCTGGAATCACAGGCAGGGTGGGAGATCTTCCACGCCTTGACAGGTGAAAGTATC

ATCGCAACCCGCATTGTGGATGATCCACATACACACCGCCTCGCGGATCCAGATCTGCCG
 ATTACTGAAGGCATGGAAGTGTGATCAACGGCACTGAAGAAGCCGTGGATCGGGCAATT
 AAGGCGTTGGGTGAAGAACGCGAAACCAAAATTGAGGACACAGAGCTGATCTACACCCGC
 CTGACGGTATCTAGCCCTGAGGTTGCAGGTAGAACCGTTGCTGAGCTTGATACTGTAGCT
 CACGGATTTCATGATTGCCCGTATCCGCCAGGCGGATTCTGAGGTAGTGCCTAAACCTGAC
 ACCGTGATCAACTACTCTGACCGCATCCGCGTGGTGGTTGCTEETGGTGGTGGTGGTGGT
 GTGCGACGATTCTTAGGGGACTCTGAAAAGTCCCTTGCTGATGTTAATCTGCTGCCTTTA
 GCCATCGGATTATCTCTTGGCCTGTTGTTGGGCGCGATCCCGATTCTCTCCAGGCGGC
 ACCACGATGTCCCTTGGCTTTGGTGGCGGCCGATTATTGCCGGCCTGATTTTGGGAGCA
 CTCAAGCACACAGACCGCTGACGTGGCAGATGCCGTTCCACGCCAACCGCACGATCTCC
 ACCTTGGGCGTGGCGCTGTTTTTGGCTGGTGTGGGTACCTCTGCAGGTGCAGGATTTAGA
 GCTGCGCTTACCGATTCTCTCC

>naRXA00507-upstream

GTTCA¹TGTTGAACTATTGTGCCACCAACCGCGGACAGAAATACGATTGGTGCCGGGGTTA
 GTGCCAGTATTGCCCCACGCTTTCAACTATCCTTAAACAC

>naRXA00507

GTGGCTGAGAACTGAACAAACACCTGTCCAAACTGTCCAAGCGCGGACCGCACCGCGTG
 CTGGTAGGCGATATGAACTACGCCGGCATCCCGGGCAAAATCTACACCCAGCAGAAGGC
 GACGGCATCCAGGTGTAGCTTTCCGGCCACGACTGGATGAAATCCATCAAGTACTACCAC
 CAAACTTTGCGACACCTCGCGTCCTGGGGCATCGCTGTTGCCGCCCCAGACACCGAAAAAT
 GGCTTCATGCCAGACCACAAAGGTTTCGCCCTCTGACCTCGAATCCTCCATTTCAGATTCTC
 GCGGCGTAAACTCGGCTCCGGAACGTACCCGTCAACCCAGCCTGCCTCGGTGTAGTA
 GGCCACGGCATGGGTGCTGGGGCTGCAGTACTATCCGCAGCAAACCGCGACCTCGTGCGC
 GCAGTCGGAGCAATCTACCCAGCGAAACCTCCCCCTCAGCAATCGACGCCGCTTCGCT
 GTCAAAGCCCCAGGCTTAGTCATCGGATCCTCCAGCCTCGGCCTCTTTGAATCCGGCGAG
 CCAGCAAACCTCGCAGCCAACTGGGCGGGCGATGTCTGCTACCGCGAATCAGAAAAAGGC
 AACCAACAGGGCTTCTCTGAAGACACCATGTTCAAACCTGTGCGAGGAATCGGCAGCCCA
 CAAACCGGAGCTCAAGAAACCGTCCGCGGCCTCTCACCAGATTCTTCTCCACCAACTT
 GCCGGAGAAAAGAAATACAAAGCATTCTCCGAACAGACGCTGAAGCTAAGAAAGTTGTC
 TCCTACTTCGGCCAGGAGCTGCAGGAACATGCCTTCCCTAAGGACACGTCCCCATTTCGCG
 TTCCTTAACGAGAAG

>naRXA00507-downstream

TAGTTCGCTTTTCTTAGTGGGTG

naRXA00509-upstream

CTTTTCTGGCGTCTTTTCAACCGGCTTCTCCACTGGTTTCTCGTCAGGTTTCTCAACGGC
 AGCAGGTGTGGTCTTTTCTTTTCAACACTGGATTTCAGCA

>naRXA00509

TTGGTCGACGTCGAACTATCCGCAGCACTGCTCGATCCGCCAGAACTCCCAGAGCTAGCA
 GTGCTCGAGCTTGAACACCTGAAGAGGCCGAGCCGAAGAAGTCGCTCCACCAGATGAA
 CCCCCAGAAGCTGCACTACACAACGGCTTTGGCTCAGTTTCACAACTTGTTTCCA

>naRXA00509-downstream

TGATCGGTCAACGCGAGAAACA

>naRXA00510-upstream

GAGCAGTGTGCGGATAGTTTCGACGTCGACCAATGCTGAATCCAGTGTTGAAAAGGAAAA
 GACCACACCTGCTGCCGTTGAGAAACCTGACGAGAAACCA

>naRXA00510

GTGGAGAAGCCGTTGAAAAGACGCCAGAAAAGCCGGTAGAAAAACCTGTGAGAGAAGCAA
 GAGTGTGAAGAAAAGCTGACCCTGACCCGGAAAnAATGCAAAAnCAnGAGCCGTCGAG
 TGTGAGCCAACACCGAAACCTGAAACAGAGCCTGAACCAAAACnGACACCCACGCCAn
 CnACCCGGAACACCAACACCAATACCTGnAGCTAGAGnACTGAGGATTGnTgnAnACnCT

GnGCAAGGAGAnCGnGGCACAGACTCAGnnAnATnCTnnnnnnnnnGAATCGGAAGAGTGC
GCCCCGAGCTCAATGACGTTCCAGAAGAGTCGGATCTGATTGGGCAACTCATCAAGGGA
GCAATCGGTATTGGGATTGTTGTTGTAGGCGTTGGGCTGTTGGTGAATTTCTGGAGCAG
TGCGTCCCTGTGATTGAAGAAGTACCTGTGCCGGAGCCCGAGCCTATACCTGAACCCGCT
CCGCAGCCTGAGCCAACCTTCAGTGAAACCACCAGAGTCTGAAGTAGATAAG

>naRXA00515

ATTGAAAGCTACATCGCCCCAAGATGACAACGCCCCAACTGCTGCTGAAGTCAAGTACGC
CTCGATGCCATCGAATCCGGCGAAGGCCTAGCCATGCTCCTCCCAGACGATCCACGCTG
GCAGACCCCAACGCGGAGGAAAGTTTCAAAACGGAGTACACATACGACGAAGCCAAAGAC
ATCATCAGCGGATTCTCCAGCGATCCAGCCAGCGATGTACTCAGCCAACCTCAACAAGCC
GCCACCACCGGCACCCGCACCGCAGAAATCCGCGCCGAAGTATTCGCCGACCGCACCGAT
GATTACAACGAATCCCAAACCGCTCTTAAAGAGGATTTCCAAAACGTCATCGATGCCATC
GATGACGCCCGCCCAATCCCACTGCAGTACATCCTGATTGGAGGCGCCATCGCTTTGGCG
GTCATCGTCTCGGGATCAGGGCGTGGACTAACTCAAGGAAGCAGTCCAAGCACAGCCAG

>naRXA00515-downstream

TAATACGCCAAGCAAAAAATTGC

>naRXA00519

ATGGCTGGCGGCGGACTGTTTCGAGACCGGTGCTGGTGGATCTGCTCCTAAGCACGTCCAG
CAGGTTTCAGGAAGAAAACCACTGCGTTGGGATTCCCTCGGTGAGTTCCTCGCACTGGCT
GAGTCTTCCGCCACGAGCTCAACAACAACGGCAACACCAAGGCCGCGTCTGGCTGAC
GCTCTGGACAAGGCAACTGAGAAGCTGCTGAACGAAGAGAAGTCCCCATCCCGCAAGGTT
GGCGAGATCGACAACCGTGGCTCCCACTTCTGGCTGACCAAGTTCTGGGCTGACGAGCTC
GCTGCTCAGACCGAGGACGAGATCTGGCTGCTACCTTCGCACCAAGTCGCAGAAGCACTG
AACACAGGCGCTGCAGACATCGATGCTGCACTGCTCGCAGTTCAGGGTGGAGCAACTGAC
CTTGGTGGCTACTACTCCCCTAACGAGGAGAAGCTCACCAACATCATGCGCCAGTCGCA
CAGTTCAACGAGATCGTTGACGCACTGAAGAAG

>naRXA00519-downstream

TAAAGTCTCTTCACAAAAGCGC

>naRXA00520-upstream

GTTGACGCACTGAAGAAGTAAAGTCTCTTCACAAAAGCGCTGTGCTTCCTCACATGGAA
GCACAGCGCTTTTTCATATTTTTATTGCCATAATGGGCAC

>naRXA00520

ATGCGTTTTTCTCGAGTTCTTCCCGCACTTCTTATCACCACCGCCGTGAGCATCCCAACA
GCATCTGCTGCCACACTCACCGGCGACACCGACAAGGAATTGTGCATCGCCAGCAACACC
GACGATTCGCGGTGGTTACCTTCTGGAATCCATTGAAGACTCCGTGCGCGAACAACGC
CTCGACGAACTAGACGCC

>naRXA00527-upstream

TTCCTTGGCCCCGAAGAAATTAATCATTGTGGCCGTGGTCCTGATTTTGATCATTGCGGC
TGCTCGTTTTATTTTCTGCGTTCATCATCGAATGACCAG

>naRXA00527

GTGATTGCCACTTCTGATGTTCTGGGAGATTTCTCCGAGGGAATCGTGGCGCGTGTGTCT
GTCAACGGAATATTGAAGCTGCGCGAACCACCACTTTACACAGTCTGACTGTGCCG
GTGCGGAACCTTGGCGGTTGCGGTTGGTGACCGTGTGGCAGCTGATCAGGTGTTGGCTGAG
TTGGATGCCTCTGCCCTGCAACGACAGTTGGATGAAACTGATGCCAACAATGCGCGTGCA
GCCATGGCGAACCGAATTCCATCGCGCAGTCGCAGCAAGCATATGAGCAGTCCAGGGAA
CTTCTTGATAGTGGTTTGGAGCCCGGAGATCAACTCGGCGCGGTCTCGTTGCGGGCGTCC
TCACAGGCATATCAGGATGCGATCCGCAGTTTGAAGCGAAGCAGCGAGATGTGGATGGC
GGATTGGATTCCACCATGGTCGCTCAATCGGATGCTCTCAAGGCAGCTCGTGAGCAAGCA
GATGCTGCTGAAATTGAACGACTGCGCGGGACTTCGGACTGCTCAACAACGATCGCAGC

AACTCAACGATGTCATTGGTCTGCTCGATGAGAGAGAATCTTTGGCTTCTGCGGAATCC
 GAACTAGCTCAAGCCCGCTGCAGGTGACCTAGAGGCAGTCGCTGCAGCTGAAGCAAAG
 GTTGCAGGCCGGAACAATCAATTGCTTCCAAAACCTCCACGTGGCCTAGCCAAGATCAG
 ACTTACTTGCAGTCTACACCGCTTTGGAGGAAGCTGAGCGACGCGTCGCATCCACCACT
 GAAGCTCTAGAAATAGCCGAGCGGATCTACATTGATTCACTCGGAAAAGTTGACTCAGAA
 CTAGCCGCCGCACAGCGCGCGCTTGCCEGAAGCGGACTEAGCACAACAAGACGCAGCACTT
 GGCCTCGAGACCGCGCAGCTTTCCACCCAAACCAATTGGAAGCCCAATCAAGCGCCATC
 GATGCAGCTTTAGGTTTGGCATCAGTAGATAATGAAGCCGCCACCAGATCCACGTCCAG
 CTGCGGATGGATATCAACAACACCACCGTTCGCTCCCCATACTCAGGCATTGTTTCATCC
 GTGCAGGCAGCCCAAGGTCAACCAGCAGCCGCGCACTGTTGAGTGTGCTGATGATTCC
 GAACTGAAGATCACCGCAATGTAAAAGAAGCGGAGATCAGCAACGTCAACATCGGATCC
 CGCGTCACCTTCACTACCCCATCGACCGGAACCAAAGAATTGCGCGGCCGAGTATCCAAA
 GTCTCCCCATTGCAGCTGCCGCCAGTGCCCCAGCTACAGGTGAAGGAGCTGCCGCAGGC
 GCCACAACCACCAACTGACGTACCTTCCCCATCGAAATTTCCGTACCGGCGACCGC
 GAAGGCCTCAACCTCGGCGGATCCGCTCGAGTACGCATCGTCCATGAAATCGCACCACAC
 GTACTGACCGTTCCCTTTGGAAGCTGTGTACAAAAATGATGACGGCAAAGACGCTGTTTTG
 ATCATCAGCGACGACAACAAAGTAGAAGAAGTAGAAGTAAAAACAGCTGAATCCGATGAC
 TTTGATATCGCAGTCAGCGGTGCTGGAATTTGAGAAGACGCTCGAGTGCTCACCAGCCT
 GGAACCTACCGGGGCTCATCGGAGAACTGTGAAACTTCACGCAGATACGGTGGAGCAG
 GCGGCGGCTCCTTTTAGTCCTGCGGCCCTTTTGACCCTGCAGCCCCCTGCCGTTTCTGCC
 AAGCAAACCGTGGGCCAGGTGATT

>naRXA00527-downstream
 TAGCCTATGAGCTCATCGAAAT

>naRXA00528-upstream
 TTCTGCTGGGAATCCCCACATTTTGAACGTAGCGTCGATAAGCGTGCGGCGAAGCTTTT
 TCGGTGCGGCCGTTATCTTTTAAAGAGGAGAAATTTTAG

>naRXA00528
 ATGAGCACGTCCACCATCAGGGTTGCCATTGCCGGAGTCGGAAACTGCGCGACCTCCCTC
 ATTCAGGGTGTGGAATATTACCGAAATGCGGATCCTTCCGAAACTGTCCCGGGTTTGATG
 CACGTCAAATTCGGTGATTACCACGTGGCGACATTGAATTGCTGGCCGCGTTCGACGTC
 GACGCCGAAAAAGTAGGCATCGATCTTGCCGACGCCACCGAGGCTTCACAAAACCTGCACT
 ATCAAAATCGCCGATGTCCACAGACCGGCATCAACGTGCTGCGTGGCCCGACTCTCGAC
 GGCCTGGGCGATCATTACCGCGCGACCATCGACGAGTCCACCGCCGAGCCAGTCGACGTT
 GTCCAGGCGCTTATCGACGCAAAAGCCGATGTTTTGGTGTCTACCTCCCAGTGGGCTCC
 GAAGAAGCCGACAAATTCTACGCACAAGCCGCCATCGATGCAGGCTGCGCCTTTGTCAAC
 GCTCTCCCAGTATTCATCGCCTCCGACCCTGAGTGGGCTAAGAAGTTCACTGACGCTGGC
 ATCCCAATTGTTGGCGATGACATCAAATCCCAGATCGGTGCAACCATCACCCACCGTGTC
 CTCGCACGCCCTTTTGAAGAAGCTGGCGTTTCGGTAGATCGCACCATGCAGCTCAACGTC
 GCGGCAACATGGACTTCAAAAACATGCTTGACCGCAATCGCTTGAATCCAAGAAGGTC
 TCCAAAACCCAAGCAGTGACCTCCAACATTCCAGATGGTCCACTGTCTGGAAAGGTGGAA
 GACCGCAACGTCCACATCGGACCATCCGACCAGTCCAATGGCTCGATGACCGCAAGTGG
 GCTTATGTCCGCCCTCGAAGGCACCGCATTCGGTGGAGTTCCCCTCAACCTTGAGTACAAA
 CTCGAGGTGTGGGATTACCCAACTCTGCCGGCATCATCATCGACGCTGTTCCGCGCCGCC
 AAGATCGCCCTCGATCGCGGTATCGGCGGACCGATCATGCCAGCAAGCTCCTACCTGATG
 AAGTCCCCACCTGAGCAGCTTCCAGACGATGTTGCTTGTGAACGCCTAGAGGCATTCATC
 ATCGAGGCG

>naRXA00528-downstream
 TAAATTAGGCTAAAAATTTGGG

>naRXA00529-upstream
 GCAAAGCTTTGTACCGGAAGCGTTAAGGCACTGGATTTTGTGCGAGCAGTTTTCAGGCTGTT
 TAGCGGGCGAGTTCTTATAGAGATGTATAAGGTGAAGCTC

>naRXA00529
 ATGAAGTTGAAGTGGATTGCACCAATTCTTCCGGTTTTGGCCCTTGCAGGCTGCGGAAAC

TACGTCAACGTAGAGTCGCAAGGGAAATCTGGAATTTCCCATGATGAGGACGGAAATATA
 AGCGTTCACATGTACATCTGTGGTGATAATGCGGTGGATGAACGATACTTAGCGGTGGT
 TTTTACGATGGCCACCTGGGACAAACAACCCAGCCCTTGGGATGTTGAAAACCTCCAAC
 CCTGAGTCGGGTTATGTTGTAGTCAACATCGCTGATCCAGCACCGTGGGAAGTTGTTGAG
 CCAATCAATTTGCCACGGAACAGGGAAAGTACATTATTGCCAATCCGAGGTTGGTAGAT
 AAAGGTTGGCCGATTEETTTGCGAAAAGAAAAGTATATGCCGAGTGTTCACATCAGTA
 GGAATGCTTGAAGGAATAGATCCAGGTCTAGTCATGCGGGATATGTATACCGAGTCGACT
 CATGTGTTCCGTACTGCCGAAGACTTTGTTGAAGCCGGTCAACAGTGGTGCGAGGATTAT
 TTC

>naRXA00529-downstream
 TAAAACGTGAATCTGGCAAAAGA

>naRXA00530-upstream
 GGCGATAAGCCTCCTCCCTGGGGCCTTGCCCATTTCATAGGGTGTCCAGGTAATGTTTCA
 GGGGTTAGATTTCAGCTGAAGCAACTGGGGAGTTGGCGCT

>naRXA00530
 ATGAGCATCGGATTTCGACCGCGACCTTTATATTAAGATGCAGTCGCAGCACATCAATGAG
 CGCCGCGAGCAGATCGGCGGCAAGCTGTATCTGGAAATGGGCGGCAAGCTTTTCGACGAC
 ATGCACGCTTCCCGTGTGCTGCCAGGTTTCACGCCTGACAACAAGATCGCTATGCTCACT
 GAGCTTAAAGATGAGCTGGAAATCCTCGTCGCAATCAATGCGAAGGATCTGGAGCGCAAG
 AAAACCCGCGCCGACCTCGACATTTCTTATGAGGAAGATGTTTTACGCCCTATTGATGTG
 TTCCGTGAGCTGGGCTTTTTGGCGGAGCATGTGGTGCTCACACAGTTGGAGGATGACAAC
 TATCAGGCACTCGCGTTCAAGCAGCGCCTAGAGCGCCTTGCCCTGAAGGTTGCTGTTTAC
 CGCGTGATTCCAGGTTACCCAACCTGATGCTCGCCGATTGTTAGCGAGGAAGGTTTCGGC
 ATCAACGAGTATGTGGAACCAACCCGCAATTTGGTTGTTGTGACCGCACCGGGCCAGGT
 TCTGGAAGCTCGCTACCTGCTTGAGCCAGATTTATGGCGATCACCAGCGCGGAATCAAG
 TCCGGCTACGCAAAGTTTGAACCTTTCCCCATTTGGAACCTGCCTCTTGAGCACCCAGTT
 AACTTGGCTTATGAGGCTGCCACGGCAGATCTCGATGACATCAACATCATCGATCCTTTC
 CACCTCGCCGCTATGACACCAAAGCCACCAGCTACAACCGCGACGTGGAAGTCTTCCCG
 CTGCTGAAAACCATGCTGGAATGCTGTGCGGGCTCATCGCCGTACAAATCCCCACCGAC
 ATGGGTGTCAACATGGTTCGGAAGCGCAATTATCGACGACGCGCGTGGCAGGAAGCCGCC
 CGCCAAGAAATGTTTCGGCGTTACTTCAAGGCGCTTGTCGACGAGCGTCGCGAGGAGCAG
 GACGATACCATTTAGCGCGCATCGCCATTGTCATGAGCAAGGCCGTTGCACCGTTGAA
 GACCGCCGCTGGTTGCCCCGAGCACTTGATGTTGAAGAATCCACCGCGCGCGGGTTGT
 GCCATTGAACTTAACGATGGTTCGACTCGTACCAGCAAGACTTCAGAACTTCTCGGATGC
 TCCGAGCGATGGTGCTTAATGCACTGAAGGAACCTCGCTGGCATTGATCGCAGCGTGGAT
 CTCCTCTCCCTGAATCCATCGAGCCAATCCAATCGCTGAAGACCCAGCACCTGGGATCC
 CGCAACCCCTCGCTGCACAC

>naRXA00530-downstream
 TGATGAAGTGCTTATTGCTTTGT

>naRXA00535-upstream
 AATCGCATGGGGACCGTGGTCAGACACCGGATCGCGCTCCGCACCCCAAAGATGGCTC
 CCTAAGGAGCTCACCTTTACTCAATGCTCTGATGACACCG

>naRXA00535
 ATGTGGTGGGCAGGCATGAGTACCGCATGCTGGCATATTTCTTACAAACAGTAGCACTT
 GGTTCGGCACCTCTTGGTAGTGCAACAGTGCTTGCTGTGCTGATGTTACGCTG
 CCGCTCTCAGCAGATTCAATGGCTACCGACTACGCCGAAGTGAATCTTGGGCTACC
 CTCCTCACCGTAGCGTGGGCATCATGATCGTTTTGGGACGCCCTTCCCGGAAACCC
 CACCCCTCAGTATGATGGATTCCAGTACTTTTAGTCGGCGTTGAGTAATGGGTGGA
 ATGTGGCTGCTTGGGAATACGTATTAAAGAAGGACAAAGCCCTCATCCTTGGTCTGTG
 ACGGGTGCAATGTTTGGCTACGTAGCAGTGATGTCCAAAGCCGCGGTGGATCTTTTGTG
 CATCAAGGCATAACGGGACTCATCTTGAAGTGGGAAGGCTACGGCCTAATCCTACCGCA
 TTAATTGGAACAATCGTGACGAGTATTCCTTTAACGCTGGCGAACTACAAAAATCGCTA
 CCCGCCATGACCATTCGGAACCAATTGTTGCCTTCAGTTGGGCTACTTGGTTCTGGGC

GAAAAATTCCAAGTCGTGGACTGGGAATGGATCGCCATGGGCATCGCACTACTGGTGATG
ATTGTTTCCACCATTGCACTGTCTCGTACAAGCACAAATGCCGGCCGGATCGAAAAGG

>naRXA00535-downstream
TAAAACTCCAAGTTCCCCCGA

>naRXA00540-upstream
TCTCCCTATCTAAGGGCTGGCTAGGTTTGACCAGTGGCAACAGTTACACTTGTGCTCGTA
AAACATTGTCTCCCATTTCTTGAGTAAGGGAAAATACC

>naRXA00540
GTGGCCCGTGTAGTTGTCAATGTCATGCCTAAGGCTGAGATTCTGGATCCCCAGGGGCAG
GCGGTACACCGCGCCCTCGGACGTATCGGAGTTTCTGGCGTTTCCGATGTCCGTCAGGGA
AAGCGCTTCGAGCTTGAGGTAGATGATTCCGTCACCGAAGCTGACCTAAAGAAAATTGCT
GAAACCCCTCCTCGCAAACACCGTCATCGAAGACTTCGATGTGGTGGGAGTTGAGGTGCGG
AAG

>naRXA00540-downstream
TGAGCGCCAAAATCGGTGTCATT

>naRXA00546
CCGGTGTGGGCGGAATTTTCCAGTGGATTTGTGGCATTATCACGCGGTTTTTGTACCCG
GTTGTTGATGTCATTCCGTTTTCATACGCTGCCTGAATCTGGTCTTTATTTTCATCGTCACC
GCGCTTGCGTTGGCGTTCTTTTGGGTGTTGGTCATCCGATGATGGTGGAGCTCACTGGC
AATCGAGTGTGGGATACCGTCCTTGTGCGGCGTCTCCCTGGTTGCTGTGCATGCGTTT
ACCAACTGGGATACTCCAGCCATTGCGGCGGTGATTGGTGCATGCTTGCGGTGAAACGC
GGAAACCCCTTGTTGCGGGTGTGCTGATCGGCGCGGGTACGGCGTTCAAATTGTGGCCG
CTTTATCTTCTTGGTGCATTTTGGTGTGCGGTCAGAATAAGAATCTCAAGCCGTTT
ATCACCATGGCTGCAGCGGCTGCGGTGACATGGCTCGTGGTGAATGTGCCAGTGATGATC
GCGTACCCCAAGCGTGGAATGAATTCTTGCCTGAACCGGGAGCGTGGTCCGGAGTGG
ACCACGATTTACCAGGTATCGACCGTAATTTGCCGATCAATTTGAATGATCCAGTGCTG
CTTAATGTGCTGAGCTTCGGCTTGTTTGGTGCATCAGTGTGTGGCCATTTTGATCCTTGG
GCTCAAGGTGCAGCGCACTCCCCGAGTCGC

>naRXA00546-downstream
TGAGCTGGCCTTTTTGATTGTCG

>naRXA00547-upstream
ACCACGATTTACCAGGTATCGACCGTAATTTGCCGATCAATTTGAATGATCCAGTGCTG
CTTAATGTGCTGAGCTTCGGCTTGTTTGGTGCATCAGTGT

>naRXA00547
GTGGCCATTTTGATCCTTGGGCTCAAGGTGCAGCGCACTCCCCGAGTCGCTGAGCTGGCC
TTTTTGATTGTCGCGCGTTTTTGTGTTTAAACAAGGTGTGGAGTCCTCAGTATTCAGTG
TGGCTGGTCCCGTTGGCTGTTCTGGCATTTCCTCAGTGGAAAGTGCTGTTCCCGTGGATG
GTTACAGACGCCATGGTGTGGCCAATTTTGATGTGGCACATGCTCGGCACGGACAACAAG
GGACTCCCCATGAAATGTTGGATCTCATCGTGATTTCCCGAGATGCCTTCATTGTGGTC
ATGATAAGTAGGTGTAATCCGGCAGATGCTCGGACGACGTGCAAATCCGGTGATGGATGC
GCACGCCGGGCGCAATTTGTTGGCCGGGCCCTTCGGCGCAAGCGAAGCGTCGAA

>naRXA00549-upstream
ATTGTTTGCAGCAGGATCTGGAAAATGGTTACAGGATACTGCGGACATGGCGCATGCT
TTGGGTATCGCGAAGTCTTTGCCAACTATCCCTGAGACAC

>naRXA00549
TTGACTGAAAACGGAGAGACCCCTTATGAGGGCATCATCTTGGGTGAGTATGAGTCCCGC
CCACTTGATATGGCTTCTGCGATGGCAACTATCGCTAATGAAGGTGTCTGGCACCGCCCG
CACTTCGTGTCCAAGGTGGAGACTGTCAGCGGTGAGGTTCTCTACGAGTTCGAGGATGGC

GACGGCGAGCGTCGTGTTTCTGAAAAGGTTGCACTGAATCTGCTCAAGGCCATGGGGCCA
ATCGCTGCATACTCCAACGGAACGCTCTGGCTGATGGCCAGGTTTCTGCATCCAAGACT
GGTACCACTCAGCTTGGTGATACCGGTGCAACAAGGATGCGTGGATGTTGGGTGCGGCA
CCTCAGCTAGCTACTGCGGTGTGGGTGCGAACTGCT

>naRXA00549-downstream
TGATAACACTGCATTGTATAACA

>naRXA00550-upstream
AAGGATGCGTGGATGTTGGGTGCGGCACCTCAGCTAGCTACTGCGGTGTGGGTGCGAACT
GCTTGATAACACTGCATTGTATAACACCTGGGGTGGCAGT

>naRXA00550
ATGTATGGTTCTAACTCCCCTGCCACGATCTGGAAGCAGACCATGGATAACGCCCTCGAG
AACTCCCCTCTCGAACTTGGGATATCGCTCCAGCATTGGGGTACGGTAACCCACCAGTT
CCGGAATATGTGTGGACTCCAAGTCCAAACATCGCGACTAATGATCCAGAAGGAGCAACC
GAGGAAGCTCCAGTGGAGGATCCAAATGCAGTAATCGATACCCCTGTGTAGATCCCCT
GCACCTGCAGAGGAGACCGGTACGGTCAGGTAGAAATCCTGCCGGGGCTGACTATCCCG
GGAGATCTCTTAGGGATCGGC

>naRXA00550-downstream
TAAAATCCGGTCGTAGCCTAAAC

>naRXA00552
TTTAAGTGGTCCGAGGGTGGCGCTGAGGATTTCCCAAAGCTCAGTGTCAAAGTCCGCGAT
GAGATCGTTGCCCTTCGGCGCTCCAGATGAGCTCAAAGTGGATGAAAACGGCGTCGTTCGGT
GGCGGCGTTACCTGAAACACAGCAGGTCAATGAGCTTGTGGAAGCCCGTGGCGATGAA
GTTGTGTTCTTTGACGGCCGCAACGCAATGGAAGCCAGATCGGCAAGTTCAAGGACGCT
GTTGTCCCTGACGTAGAAACCACTCATGATTTTCATCGCAGAAATTGAGTCTGGAATAAC
GACGATCTCAAAGACAAGCCTGTGGTCACCTACTGCACCGGCGGAATTCGTGTGAGATC
CTGAGTTCACTCATGATCAACCGTGGTTTCAAAGAGGTCTACCAATCGATGGCGGCATC
GTTTCGCTACGGCGAGCAGTTTGGCAACAAGGGCCTGTGGGAAGGCTCCCCTCTACGTTTTC
GATAAGCGCATGCATATGGAATTCGGCGAGGATTACAAAGAGGTTCGGACACTGCATCCAT
TGCGTACTCCACCAACAAATTTGAGCACTGCCTCAACGAAGATGATTGCCGCGAGCTC
GTGTTGATGTGCCCTGATTGCTTCGCCAATGTTGAGACCCGTCATTGCAAGCGCGAACGC
TGTGCAGCAATTGCTGCGGATTTGCTGAGCAAGGAATTGATCCGCTCGTTACTTCT

>naRXA00552-downstream
TAAAAGGGTATGGTGGCTGGGT

>naRXA00553-upstream
GTCATTGCAAGCGCAACGCTGTGCAAGCAATTGCTGCGGATTTGCTGAGCAAGGAATTG
ATCCGCTCGTTACTTCTTAAAAGGGTATGGTGGCTGGGT

>naRXA00553
ATGAGCATCGTTAAGATCAACGCAATTTCCGTACCCGAAGGCGCTGGTGAAGAGCTTGAG
AAGCGCTTCGCAGCCCGCCAAATGCCGTGGATTCCGCTCCGGGATTTGAGGGCTTTCAA
CTGTTACGCCCTGTTCCGGTGAAGACCGCTACTTGTAGTCACCCAGTGGGCTGATGAA
GACAGCTATAACGCGTGGCGTGATGCCGAAAAGGCCAAGGGCGGTGATGGCCAGGGAGCC
CACGGCTCAGATAAGAAGCCTGTGCTTCCGGCGCTTCCCTGCTGGAGTTCGAAGTAGTC
CTAGGATCTACCGGCGCTAAG

>naRXA00553-downstream
TAGGGAAAGAGAAAAGTCGGAAC

>naRXA00554-upstream
ATCCGAACTCTCCTGTACCGACCATCATTTATCCCGGTCTTTAGGCTCTCCAACAGCAG

AGGACTAGACTTAAGTATGCCTGCAAAGGAGGACAACCTTC

>naRXA00554

ATGAACACCCAACAGAGCATCCAGAAAATGATCTAGTCGACGAAGCCGATTTTTCTAAC
CGGCCCAGGATCTACTCGGACGATCCTGATTCCCTGGCTGATGCGCCAGACCCAGCGCTG
GAGCATGAGAAGAACAAGAAATCTTCACGCCAAGCACTEATTTATCTGTTGCGAGGTTCCA
CTAGTTACATTTCGTTTCTGCATACGTATTGGCCTGGGTGTACGACTCCAGGGCGGTCCC
ATCTGTGACGCCGGTGAGGCTGTGTGGATTGTTCCTGCTGCAGAACTGTGGTGGCCA
ATTACCACTAGCGTCATCGCATTTTGGTGGCATGCTTGGATCTGCATGGATCCTCTATGAC
AAATACCGAAATTACCTACGCTGGCGTCTTGGATGGGCGTGTGTGGATTTTGATTCCA
TTCAGCATGCTGTGGGGAACCTCGGTGCTCACCTTGTCCATCTTGGGGCAC

>naRXA00554-downstream
TAAAAACTTCACATAAATGACAA

>naRXA00555

TCGGGTGGCAAACGTAGTGAACAAAATGATGCTGTTTTTGGAGTTCGCCGCATGGCTAGCT
CGTACTTCAGACATCAATGTTTCGTGGAATCACAACCTTTCATACGCCCTTGGCCGTCTTCC
TCCATCAGTAAGCTCGGAGGAAAATATCATAAGTGGTATAAGAATTTAGATTCTTACTAC
CGCAGTCGCACGATCAAGGGACTCAAAGAGGCCGGAGTTGAGAAGTCCCAATGGGACGAT
GATGTTTTAGTTTTGTAGATGGTCTTCTGAATCCACGCTGCTCACCATGCTGCTGAA
GAATTCGAAGCGACCTCATTCTGCTTGGCTCTGATGCGACCGCACCAAAAGGCCGCTTT
CTGGCCAGCTCCACCGCAGATGCCCTCCTTCACTCCTCGCCCGTCCCACTAGGACTTGTG
CCGCGAGGGGTGAAGCTTTCAAAAAGGGTGTCAACCGCGTCAACTACGCTTTCACCAAT
GAAAGCGATGACTTTGAGCAAGGTTTACGCTCTTCCGCGGAGCTCGCCACCAATTGGAAC
GTTCTCTTCGGATCCTTGCTTTTTTCAACCAAGGCATTACTTCCGCACCAACGTCGCGG
AGCTTGGATATTTCCACTGAGCTTTCCTCCGAGTGGCGTGAACCTAACGCTCGCCATGCTT
GATCGAGCCCGTATGGCGTCTCACAGACCACCAAACTTGAGCGTGAGCAGTGAAACC
GGTCTGGCTGGGGTGGAGCGGTGCAATTGATGCTTTGCGATGGAAGAAAGGTGACCTG
CTGTGCATGGGAAGCCATCGCACAGACACCCTTTCACGTGTCTTTGTGCGTTTCGGAAACA
ATGGAATTTATCCGAAACTCTCCTGTACCGACCATCATTTATCCCGGTCTT

>naRXA00555-downstream
TAGGCTCTCAACAGCAGAGGAC

>naRXA00560-upstream

AAGGACGACTTCTGGGGAGCGGTGTGGATTCTCACGGGGATTCTCATGCGGATTATCAGA
CATATGGACACTTTAACGGTTCGTACTAGGCTGATGCTTC

>naRXA00560

ATGAGGATTGATCCGCTGGAAACCCGGCAAGCCGTATTGGCCGTCAAAGACTGGATTGAA
GGGGAGGGAGACGTCAAAAAGCCTGGTTCGTGCGGCACCTGCCGCCGCAACTCGCCTGAG
GTCCGACTGCTCGCGCAACACGCGCCGGGAAACAGCGTGGAGGTGCGGGTACCCCCATTT
GTTGCGGTGCAATGCATAGAGGGGCCAAAACATACACGCGGCACACCACCAACGTT

>naRXA00563

TTCTACAAGGATCTCTACGCACGTTCCGCGACGCGGCACGGCAGCACTGTGGATCGTGGCG
GCTAACTTGAGCTCCTACTCAGACATCGACGCCATCATCAACTGGGTCGGATCCGAGCAG
ACCACCACCGTCAACGGCGCATCCAAGCTGGTCAAGCCAGCTTTGGTCCCTACCTTGCTG
TTCCCATTCGCGGCACCTCGCGTGTCCGGATCCATGGCAGATGCAGGCCACAGGCAGAA
TCCAGATGCGACTTCTGCTCTGGTCTGTTGAGCGCCTCATCGAGGTCTTGCGCCATTG
GGCTCCTCCATCAACGTGGGTACCGCCTGCACGTGGTTCATCCAGGTTTACCAAACCGT
GGACGCTTCGGTGGCGATGGTGCATACGGTGAATCCAAGGCAGCTCTCGACGCCGTGGTT
ACCCGTTGGAACGCAGAGCAAGCTGCATGGGGAGCACACCTCCCTCGTGACGCTCAC
ATCGGTTGGGTTTCGCGGCACCGGCCTCATGGGCGGCAACGATCCTTTGGTCAAGGCAGCT
GAAGAAGCAGGCGTGGAAACCTACTCCACCCAAGAAATTGCAGAGAACTGCTGTCCAG
GCAACTTCCACTGTTCGCGAGCAGGCAGCATCCGCGCCAATCACCGTCGACTTCACTGGC
GGACTTGGTGAATCTGATCTGAACCTGGCGGAAATGGCACGTGCAGAAGCAGCTAAGGCA

GCTAACGCACCAGTGGTTGAGGCTCCACGCACAGTGGCAGCACTGCCAACTCCTTACCGA
 CCAGTGGTTCAAACCAACCCTGATTTTCGCAGGTCAAGTCACCCAAAACCTTGACGAGATG
 GTCGTATCGTTGGCGCCGCGAGCTCGGCCCACTGGGTTCTGCACGTACGCGTTTCGAC
 GCCGAATCAACGGTTCCCTCTCCGCCGCGGGTGTATCGAATTCATGGACGATGGGA
 CTTATCCACTGGGATGAAGATCCAAAGCCAGGCTGGTACGACGACTCCGACGACGAGTG
 GCCGAAGAAGACATCTTCGACCGGTACGACGAEGAAGTCATGGGACGCGTTGGTGTCCGC
 AAGTACAATGACATGCCTGAGTACGGCATGATCGACAACCTTTCACCCAGAGCTGACCACC
 GTCTACCTCGACCAGGACCTCACCTTCAACGTGGGATCCCGCGAAGAGGCACTGACCTAC
 GTCGACTCCGAGCCAGAATCACCTTTGCTTCTTTCGACGAAGCAGAGGGGAGTGGAAG
 GTCACTCGCAAGGCAGGCTCCGCAATCCGCGTACCTCGCCGCATGGCGATGACCCGCTTC
 GTTGGTGGACAGGTTCTTAAGGACTTCGACCCAGCTGTGTGGGGCATTCCAGCTGACATG
 GTGGACAACCTGGACACCGTCGCGCTGTGGAACATTGTCTGTACTGTGACGCCTTCCTG
 TCCGCTGGATTACCCCCAGCAGAGCTGCTTGCTTCCGTTACCCAGCAGCGGTGTCTCT
 ACCCAAGGCACCGGCATGGGCGGCATGGAATCCCTCCGTGGCATCTACGTGACCGCATT
 CTGGCAGAGCCACGCGCCAACGACGTTCTGCAGGAAGCACTGCCAAACGTTGTTGCAGCT
 CACGTATGCACTCTACGTGCGTGGTACGGACAGATGATCCACCCAGTCGCAGCTTGT
 GCAACCGCAGCTGTTTCTGTGGAAGAAGCACTGGACAAGATCCGCATCGGCAAGTCCGAC
 TTCGTTGTGCGAGGTGGCTTCGATGCCCTGTCCGTTGAAGGCATACCCGCTTCGGCGAC
 ATGGCAGCAACCGCGACTCCGCAGAGATGGAAGGCAAGGAATTGAGCACCCTTCTTC
 TCCCGCGCCAACGACCGCGCGCGGTGGATTTCATCGAATCCGAAGGTGGCGGAACCGTC
 CTTCTGGCAGCGGATCACTCGCAGCTGACCTGGGCCTTCCAGTACTCGGTGTATCGGA
 TTCGAGAGTCTTTGCAGATGGTGGCCACACCTCCATCCAGCCCCAGGCCTCGGTGCC
 CTTGGTGTGCTCGCGATGGTGTGGAATCTCGCCTTGCAGTAGCACTGCGTTCCGTGCGT
 GTCTCTGCTGATGAGATCTCCATTATCTCCAAGCACGACACCTCCACCAACGCGAATGAT
 CCAAACGAGTCCGACCTGCACGAGCGCATCGCATCCGCTATCGGTGCTGCAGACGGCAAC
 CCGATGTACGTGATTTCCAGAAAGTCACTACCCGACACGCCAAGGGTGGTGCAGCAGCA
 TTCAGATGATCGGTCTACCCAGGTCTCCGATCCGGACTGGTGCCAGCCAACCGCGCA
 CTCGACTGCGTTGACCCAGTACTGTCCAAGCATTTCCACCTCGTCTGGCTGCGCAAGCCA
 CTAGACCTTCGTGCGAAGGCACCAAGGCAGGTCTTGTTACCTCCCTTGCTTCGGACAC
 GTCTCCGCTCTGGTTGCGATTGTTACCCAGACGCCTTCTATGAGGCAGTTCGTGTGGCA
 CGTGGTGTGAGGCACTGACGTATGGCGCGCATCCGCGATCGCTCGCGAAGAAGCAGGC
 CTTTCGTACCATCGTCGCCGGTATGCACGGTGGCGTACTGTACGAACGCCAGTCGAGCGC
 AACCTCGGTGTCCACGGAGACGCAGCTAAGGAAGTTGAAGCTGCAGTCCCTCGGATTCC
 CGCGCCCGCTAGTTGACGGTGTCTCCGCGCCGAAGGC

>naXA00563-downstream
 TAGTTGGTTATTGCGTTGAGCCC

>naXA00564-upstream
 CAACGATGGAGTGCTATTTCGTAACGAGGTGACATTCCCACCGGCACCTTGATCCAGATAG
 AAAACGGATGGAACCAGTATTGGGAAAAGGATGGTTGCG

>naXA00564
 ATGAAATACAACGTCGATGTCTCTCGTGAAAGCGAGGACTGGCTCGCCACCGTCACCAAT
 CTCGAAGGCGTATCCACGTGGGCGACAACCTTCGCCAACCTTGATCGCAACGGCCGGGAA
 GCCATTGCTCTAGCTGAAGATCTCCCCGAAGGTGCGGAAAGCTCACTGACCATCTCTTGG
 TCGGTTCTACAGATTCCCACCCGAACCTGGACACTGCAATTCAAATTGCTCAACAGCGT
 CGCTATCTAGTGCAAGCCCCAACAAGACTTAGAGCCCAAAGTTCGATCCGCTATTTCCGCT
 CTCACCCAAGCTGCGCTGCTAGGTATGACTGCAGGTGCGAGTATCCCCAACTCACAACCCG
 GGTAGCAGAGCTATCTCATTGGATCAGGTGTCAGGAGTTTTAAAC

>naXA00564-downstream
 TAGCGTGCGCAATTCCCGTGTGA

>naXA00573-upstream
 GACGCCAACTCCATCTGTGTTTCATGGGGATAATCCGCAAGCTCTCGCATTTGGTGGAGAAA
 ATCGTGACCACCTTGACGCTCATGAGGTTTCAGGTTTCCC

>naXA00573

ATGCTCGTTAGGCCATGTGGTGAGCAAGCAGTCATCATCGATTTGCTTGCTGAAGATGCC
GAAGCCGTCCAAGGCAGCATCTTGGATGCTGTTCTTGCACTCAACCGCTCTTTGGTGGGC
ATGCAGGTCCCTGGAATCATCGATACTATCCCGCTGCGCAAACACTGTTAGTGACGTTT
GACACCAAGCAGATCAACCCGAATCGTTTCGAGAGATCGTTGATTCAATTGCGCTGACC
CCAGCCGCAAAGGGCGCAGCAGAGCTTACCGACACCATTGAGATTCCCGTGGTCTACGAC
GGCCCTGATCTAGAAAACCGTAGCTCAACAGACAGGTCTGAGCGTGGAGGAAGTTATCGCC
ACGCATTCTGGCACCGTGTGGACTGCTGCTTTCGGTGGATTGTCACCAGGTTTTACTAT
CTGATCCCCAGACTCCCTGTGGGATATCCCGCTTGAATCGCCACGCACCAAGATT
CCTGCAGGTTCTGTCGAGTGGCCGGTGAATTCAGCGCTGTGTACCCGACGAGTCCCT
GGTGGTTGGCAACTGCTGGGCACTACTGAGATTCCCATGTGGGATGTGGACCGGTGGCAA
CCATCGCTTCTCAAGCCCGGTGATTGATTGCGATTTGTGCAGGTGAAGAAA

>naRXA00573-downstream
TGAGCTTCAAAGTAATTTCCACT

>naRXA00574-upstream
AACTGCTGGGCACTACTGAGATTCCCATGTGGGATGTGGACCGGTGGCAACCATCGCTTC
TCAAGCCCGGTGATTGAGTTGCGATTTGTGCAGGTGAAGAA

>naRXA00574
ATGAGCTTCAAAGTAATTTCCACTGGCCCCCAAGCCATCTTCCAAGACCGAGGTCGCTTC
GGTTTTGCCAGCGTGGTGTGGAACCTCAGGATCCTTTGATCGTTTATCCGCTGCTCGC
GCGAATCACGCTTTAGGTAATGATCCCAATGCAACCGTGGTAGAGATTCTGCTCGGTGGC
TTTGAGGTGGAGCGTGTGCACACCACCTCGATCGTGTTCACGGGAACGAAGCTGAAGTG
ATGGTTCGAACGGCTGGTGGACAATCCAAAAATGCCACCACCAACACCATCATCGATGTT
GCAGCTGGTGAACGTATCCGCGTCGAGCCCGCAACCTATGGCATGCGTGCCTACTTTGCT
GCTCGCGGTGGATTTGCAGTAAAAAACTTTGGGATCTGCTTCAACCGATCTGATCTCC
CACATGGGCCCTTGCCCGATCGAGCCCGGGGATGTCATTGACGTAGCAACAGACATTGCA
GATTCTCAGTGGTGGCAAAACTTCGGCAACTGCCACCTTATGGAAACGCATGCCAACA
GAAACGCTTACCGTCATCCGAGGTCCACGTGACAAATGGTTACGCAAGAAATCCCTCAAC
AACTTTTTTACTCAGGTGTTTACGGTGAGCAATGACTCCAACCGGATTGGTTTGCGCATG
CACTCAAGCGAGCCGATCCAACATCGTGTGGAAGGCGAGCTGAAAAGTGAAGGAATGGTC
CGGGGGTCCATCCAGATTCCGCTTGGTGGAAACCCCGTGGTGGTTGGTCCCGATCATCCT
GTGACCGGTGGCTATCCAGTAATAGCAGTACTTACATCAAGGTCGTGTGATCGTTCGGCC
CAGCTGTTGCCGGGCGATAAAGTCAGATTTAAATTGCTT

>naRXA00574-downstream
TAGGAACTTTGAGCTTGCTCTGG

>naRXA00576-upstream
ACAGTCCGAGCTTCTTAGCGGCGGTCTGTGGCTTCATAGCCCTGCCCGATGGCTGGCGTA
CAGATTCTTCGTTACGCCCCACAACGGTAGCATTGTTTTT

>naRXA00576
ATGCTGACCTTAAGTTTCATCACTGGCACGGAGCCAGGAAAGTGGTTTACCCGATTCCGA
GATCGGACTCATCAGGTGGACTTGAGACCTTGATTGCGACGACGCCCTAGGCCTCATG
CTCGCTGGCCAGGCACAACCTCGCCTTAACCAGGCTTCCAGATGCGCGTATCGACGCTCC
CTCCACGTGGTCACTCTTTATCAGGAACAACCCGGAGTCGCTTTTCCAAAAGACTTTTTT
CTCAGTGCCGAAGAAGGCGCGGTGGACCTTGGCGACTTAGATGGGGAGATCATCAACTGG
TCCATGCCCCGATAGTGGGGAAGTCGATGCCGCTGCTGTTGCGGATGCTCTGCAAAATCGTG
GCAGCGAACGTCGGTGTGGTATCGCCCCAGGCCACTTCTCAAGGTGTTGAGCAAGAAA
TTGGTGGAGCACCGGACATCAAGGTGGAACCTGAAACATCTATCGCCCTGGTATGGAAG
AAAGATGAGGATTCTGAAGAGATTCAAGACTTCGTCGGTATTGCTCGCGGTGGAACGCGG
AATTCCAGCAGGCAGCAACCGGTAAAGCTCAGTGCTCGTGAAAAACACTGGCAAAACAA
GCCCCGAGGCAGGGGAGAAACCAAAAACCTCCGAAGCGTCCGAGGCAAGAAAACGTCCC
GGAAAACGGCGA

>naRXA00576-downstream
TAGGGGTCACCCGCGCATGTCCG

>naRXA00577-upstream
CTGGCTCCGTGCCAGTGATGAACTTAAGGTCAGCATGAAAACAATGCTACCGTTGTGGG
CGTGAACGAAGATCTGTACGCCAGCCATCGGGCAGGGCT

>naRXA00577
ATGAAGCCACAGACCGCCGCTAAGAAGCTCGGACTGTTTTGCCCGCCACGCCAGAGGAG
TTCCAAACAGGTGCATTGACTCACCAAGAGTTCAAGAACCTGCAGGAAAAACCCACCGGAG
TGGCTCCAAACCTACGCCGCGAGGGCCCCACCCCTCGTCCAGTGGTCGCCCCAAAATTG
GGCATCACCATCGCGGCTCTGAAAAAGAACGACATGGACAAACCACTGACCACCGCCGAG
ATCAAGGCACTTCTGAAAAACAGCCAGAATGGTTGCGCACCGCACGCACACAGCTTGCT
GAAGGTCGCGAAACCGCAAAGAAAGAACTGAAGAACTACCGAAGAC

>naRXA00577-downstream
TAAATCTTCACAAAGACTGCGCT

>naRXA00578-upstream
TGGGCGGTGCACTTCTTGCTCTGTCTGATCCGGAGGCTGAGTGGGAGGAAATCCGCGTTA
AATCACGGCCTCTGCTGAATTTGTTTGGGGTTGAATTCCC

>naRXA00578
ATGACGTACCTCGTGTGGGACGGTGCAACACTCGTAGAAGGCGCGCTGGAATCAACACCC
ACAGTTGTTGATTCTTACCTAGCCAAAGACCACCGCGTGGTGCGCTGGGATCTTCATGAA
CAGCGCTTCGCCACTAGCGTGGACGTGGACCCGTGGGATTTTCTCCACGCAGTAAGGGAA
GCAATTCACGCCAGGGCTCATGGTTTCCCAAAGTTGAATGGCATGGCGATGATCTTTTC
GCAGTCAATATTGCCCCGGCACCAACACTGCGAAAGGCCACATCATTGTGGCTTTCCGAA
GACCCAGATCCACGCACACAGCCAACCATTAAGGCCAGACCTAGATGTGCTTGCTCAC
CTTCGCAGTCGCGCCAACGATAACGGCTGCGATGATGCGCTGTTGATCAGCGCGGATGGG
TTCATTCTGGAAGCTGCAACGCCACCGTGGTGTGTTGGGCGGATCCACAGACGGTCATC
GTGCCAGGGGAGATGTGCTCCCATCGGTGACACTCGCCGCAACCATTCGCTGTGGGAA
AAAGCCGGAATCACATTGCGCTATCAAAACATTTCGGCACATTGGTTTTCCCGCGTGGTGC
GGTAGTTGCTGTCATGGTTGGACACCTGTGGTCAGTTGGGGCAGGGGATTGGGCAAAATT
GCAGCAGCGAAAGCTCCATCGGTGAAGCCCTGGAATGAAAAATTGCGCCCAACCATTTTT
CTG

>naRXA00578-downstream
TGAGGAAAAGGTTGAGCGCAGTC

>naRXA00582-upstream
ACTGGCCAGCCTTCCGACGCATCGACTTCCTCCGCGCCATTTCGCGACTACTCGCAGCGCA
GCAGAAGATTTCGTTAAATAACTTATTCTCCAAGGAGAGAC

>naRXA00582
ATGTCTGACTACATCGTCGATTTGAATCCGCATACGGCTCTACCAAGCAGTACGCAGAA
TCTCTGGCGCAACGCCTCGGCGTAGATGCCTTAAATTTGAACAAGCGTGTGCGGAACCTC
GCGGCGAACCCGACCGCAGCAATCGTGGTTTTGAGCTTTGTTACGGCCCATCCCATCCA
GGTGCGAAATTCATTACCGATACCGATCTCTCCGCCCACCGCGTCGCACTGTGACCGTC
GGCATGACGCTTGATGATGTGCTGCAAAAGAAGGACGGCGCAGCTCGATCACTGGGAAAC
AAGGCAGACGATGTCACCCGTTTCTACCTTCCGGGACGCCTTAATTACTCAGAGCTCTCG
ACCGCGCACCGCACCATGTGGACGATCGTCAACATGCTGAAAGCGAAGCCGTGAAG
AATGACAACGACAAAATGATGATCAACACTTTTGATACCGATGTTGACCGCGTCGATGAG
TCCCGCCTGGACGCACTGGAGGAGTGGGCGAGGGGCCTC

>naRXA00582-downstream
TAGAGTGGGCGTTGCAAAAACCTC

>naRXA00585-upstream

TGTGAAGACGTCGATCCCAGAAGATGACCTGTTTGCCGGAATCACACCCGATGCAGAATA
ATGCAGTTAGACCACATCCTTTAGGAAGGACCTTTTCGGC

>naRXA00585

GTGATTGACCTCAGCCCTGTATTCAATACAGCTGCCGGCGTATACAACGACACCAACGCA
ATEATCTTGGCTGAGCAGCAGCAAGGTGGACCACTTGGACCTGAGTTTGGAAAGGCCTCG
CCGGTTGGTTTGTACTGATCGTCGCGATGCTCGTTGCCATTCTTGTTCCTGGCTGGGCG
TTCCACCGACGCTGGTCACGGATGAATCGTCGTGATTTTCGCAGAGCGCAACGGCCTT
GATCCCTTCGATATTGAGGGTGTTTCGCAAGGCAATGGCTGAGGCCGGCTTGAATGAAAAG
TCCAAAAGGGCTTCCTT

>naRXA00585-downstream
TAAAAGAAAGTGTGTTAAGGTT

>naRXA00586-upstream

TCATCCAAGGGTAAATAGGTATGACGGCGGAAACGACTATCATGAATGCAATACACATC
AACTAAACCCTGCGGAAGCATATAAAGCTTCAAGGAAAGG

>naRXA00586

ATGAAACACGTGAGTGGTCTACGCCTAATGGCGATCCACGCCCACCCTGACGACGAGTCA
AGCAAGGGCGCAGCAACCATGGCGCGCTATGCAGCTGAGGGCAATCAAGTAATGGTTGTT
ACCTGCACTGGTGGTGAGCGTGGAGACATTCTCAACCCTGCTATGGATAAGCCAGGAATC
CTGGACAATATTTTGTGTGCGTCAGGAAGAGATGGCGAAGGCCATGGAAATCTTGGC
ACTGAGCACAGATGGCTAGGTTATGAGGACTCTGGGCTGCCCAAGGTGATCCTTTGCCT
CCTCTGCCTGAGGGCTGTTTGTCTTTAGAAGACTCGGATAAAGTCACCCAAGATTTAGTG
AAGATTCTGCGGAGTTCCGCCCACACGTCATCATTACCTATGATGAGAACGGCGGTTAC
CCACACCCGGATCACCTCAAGGTTTCATGAGGTGTCGATGCTTGCATGGGAGAAGTCCGGC
GATGCAGCGTATGCACCTGAGTTGGGCGCACCGTGGGAGCCACTGAAGCTTTATTACACC
CACGGCTTTATCCGTGACGCGATGGAATGTTCCATGATCTGCTCATTGAACAGGGCAAG
CCCAGCCCATAACCCCGATGCTTGAGCGTTGGAAGGCAAATGAGGCTGATGTGATGGCT
CGAGTTACCACTCAGGTTCCCTGTGAGCGCTTCTTTGATCAGCGTGATGACGCCCTGCGT
GCGCACGCAACTCAGATTGATCCTGCGGGTGCTTTCTTTGGAACCTCCGTTGAGGTGCAG
CGTCGCCTGTGGCCGACTGAAGAGTTTCAATTAGCTAAACTCGTGTGAAGACGTCGATC
CCAGAAGATGACCTGTTTGCCGGAATCACACCCGATGCAGAA

>naRXA00586-downstream
TAATGCAGTTAGACCACATCCTT

>naRXA00587-upstream

CCCTTGATGACCTCGGTAAACAGTTTTCCTGAGGTGACTAAGATGTATAGGTGACCAA
CTCGATTGGCTTTGAAGAGGATGCAGACAGACTTCCATC

>naRXA00587

ATGAGTACAAATCCAACTCTCCATCCAACGCATCAGGCGCTTGAACATTCCAAACACC
CAACGTCCGGCTAGCCGATACAATTGCGCTCGCCCGGAAGCTGCTGCAGGCAGGAACATC
AGCGGAAAAATCATCGCAGTCATTGGCGTGCTGCTGGTGATCGCCATTGTGATTGTTGGC
GCAAATTCCTCAAAAACCGCGATGCACAAACAGTGTCCGGCCAAATGGGTTCATTTGAA
CGCATCGACGACGACACCTTCCGCTTTGAAGTTGACGTCAACCGCGATGACCCAAGCCAA
GTCGCCTACTGCATCGTGACCGCAAAGGACTACTCGCACGCAAGTCGGGCGTCGAGAA
GTGCTTGTGGAGCCCAGCGACCACTCAACGGTGCGTATCTCCACGCTGATCCCCACCCGC
GAACCAGCAGTTTCCGGTGGTGTTTACGGTTGTTCAACCGTGATCCCATCACATATGAAC
CTG

>naRXA00587-downstream
TAAAACTAGAAAATTTTGCTGTG

>naRXA00589-upstream

CCGTTATCTCCGTAACCTGTTGTTTCTGCAGAACCATACAACCTCAGCAAAAGCCGCGACAC

TCCGCGGCAAAAATAACCAAGGATTTAAAAGTCTTCAAA

>naRXA00589

ATGACAACCTTTTACGTAAGTTCTTCGTTTCTGCTACCACAGCCCTGGCGGCAGTCGCA
CTGGTTGCGTGTCCCCTAATGAGATTGATTCTGAACTGAAGGTGCCAACGGCAACTGGC
GTTTCTTTACCTTCGAAGAAGCTTTCCGCGACCTCAACTGCTACTACAGATGAGGATGCG
CCTGGCTACATTGATTGCGTAGCCGCACCAACTCAGCAACCTGCTGAAATCTCACTAAAC
TGTGCAATGGATATTGATCGGCTCACGGATATTTCTTGGAGCGAATGGGATACTGATTCC
GCAACTGGAACCGGTACCCGCATCGTAACCGCTGCAATGGTCAAGAGACCGAAACCGAA
GAT

>naRXA00595

CGCAATATTGCAGCATGGATCGCAATCGCCGCCATCATCATCGCCAGCCTGGGCGCACTG
CTCTCGATGATCCGCGTGTGGCGTGAAGTCTTCTGGGGTGGCGCAATGCACCAGCGCGGC
GTCTCGCCGACAGTGCAGCATCAGCCAGCAAAAATCGCCCCAGCGCTCAGCCTGATCATT
TTATCGGTAGGCATGTTTCATCTTCGCGGGCCCGCTTATCGACGCGACCCCTACCGCCACC
GACGGCCTCTTGAACACCGATGCATACCAACAGGCTGTGCTCGGTGAAAATGCCATCGGA
GTGCCAAGCCCTAGCTACCAGGGAGGAAAC

>naRXA00595-downstream
TAATGCTTAACGCCCTGAAATTC

>naRXA00597-upstream

CAAGGAGATCCGCCCCAGCGATGCTGAGTGGCCAAGTCGCGAGATCGCTGACACCGCCCA
AAACACCGTCAGCCAAGACAAGAGGGAGTTTAAAACAAC

>naRXA00597

ATGACTGCTTTTGAATTGTCACCACAGTTGGCATCTGCATGTTTGCCTTCTCCCTCTTA
TCTGCCCTGGTCTTATTCTGCGCACCAAGATTTCTCACCCTGCGTGGTGCTTTCCGAC
ATGGTTTTCTACTCTATGATCGCGATCTACCTCATCTGGGTGCTCAACAACCCAACCTCA
ATCGCCTTTGAGATTGCTCTTCTCGCAGCAGTCCCTCGGCGGCGTACTTCCAACCTGTCC
ATGGCTCGCATCATTTTGAAGGGACGCAGG

>naRXA00597-downstream
TAAATGACCATTCAGAGATCAT

>naRXA00598-upstream

AACCTCAATCGCCTTTGAGATTGCTCTTCTCGCAGCAGTCCTCGGCGGCGTACTTCCAAC
CCTGTCCATGGCTCGCATCATTTTGAAGGGACGCAGGTAA

>naRXA00598

ATGACCATTCCAGAGATCATCGTCTCCATCCTCGTGATCCTCGCAGGCCTGTTTTCTCTA
GGTACTGCAATCGCTTTGTGGCGCGCACCGGATCCGCTCACCAGCCAACCTGCTTGGC
ACCACCGTGGGTGCTCCATACCGCTGCTCATCATTTGCGCTGCTGATTCACACCTGGTCC
GTCGACGGATTTAACCCCAACAATTTTCATCCGAGCGATCATCGCCATCATCGGCGTCTGG
GTCATCGGTTCCGTTGGTTCTACTACATGGGACGCGCCATCTATGGTGTGACCGTAGTG
GATAACAGACGATCCAAA

>naRXA00598-downstream
TAAACTGCTTTTAGAAAAAAGG

>naRXA00601-upstream

TAGATATAGAACACATTCTATTGCAGGGAATTATCAAGTTTCATACATTGTCCTCGTAGG
GGCAAGTATATTTCCCATGCAATATTTTTTAGGAGTCCCA

>naRXA00601

ATGCGTTTCAAGTCAGTTGCAGCTATCGCACTTTCCACCGCAATGATCAGGGGTGGAACC

GCAAGCGTTGCTAATGCTCAGCAGGTTAGCCCTAGTTCCACGATTGAGATCCCTCAAGAA
TTCGTCCACACCGTGCAAGTTCGTGCCAGGTATGACTTACGGCGATGCAGGGTCCGCT
ATCCAGAGCACCGCTGGTTCTGTGGCACTGAACAGTACCGCTGGAATCATCCTTCCAATC
GTTCTTCCATTCTTGGTCTGGGAGCTGTTGGTCTGCAGCGCTGTCTGCT

----->naRXA00601-downstream-----
TAAGCCTTTTCTAGGTTCTTAA

>naRXA00602-upstream
GCGCGATCAATGGAATCTAGCTTCATATATTGCACAATAGCCTAGTTGAGGTGCGCAAAC
TGGCAACAAAACTACCCGGCAATTGTGTGATGATTGTAGT

>naRXA00602
GTGCAAAAAACGCAAGAGATTCAATCAAGCCTGGAGGTGTCGCCATCCAAGGCAGCCCTG
GAACCAGATGATAAAGGTTATCGGCGCTACGAAATCGCGCAAGGTCTAAAAACCTCCCTT
GCTGCAGGTTTGGGCATGTACCCGATTGGTATTGCGTTTGGTCTCTTGGTTATTCAATAC
GGCTACGAATGGTGGGCAGCCCCACTGTTTTCCGGCCTGATTTTCGGGGCTCCACCGAA
ATGCTGGTCATCGCCCTCGTTGTGGGCGCAGCGCCCTGGGCGCCATCGCGCTCACCACA
TTGCTGGTGAATTCGCCACGTATTCTATGCGTTTTCATTCCCGCTGCATGTGGTCAAA
AACCCCATGCCCCGTTTCTATTGCGTTTTCGCGCTTATCGACGAAGCCTACGCAGTCACT
GCGGCCAGGCCCGCAGGCTGGTGGCGTGGCGACTTATCTCAATGCAATAGCGTTTCAC
TCCTACTGGGTATTGCGCGGTCTCACCAGGTGGCGATCGCAGAGTTGATTCCTTTTGAA
ATTAAGGGCTCGAGTTCGCCCTTTGCTCTCTCTTGTACGCTGACTTTGGATTCTGCTC
CGAACGAAAAAGCAGATCCCTTCTCTGCTGCTCGCAGGTTGAGCTTCACCATGTCTCT
GTGGTAATTCAGGTCAGGCCCTATTGCGGCGCTGCTGATCTTCTTGGGTCTGTTGACC
ATCCGGTACTTCTTCTTGGGAAAGGCTGCTAAA

>naRXA00602-downstream
TGACAACCTGATTTCTCTGTATT

>naRXA00604-upstream
ATCACGTTTTGCTATGAAAGTGGTGAAACCAGCTCGCCCCAGGTGTGAAGCATGCATTT
TGAAGCATGAATCTTTTTCATCTAGTGAAGGACTGATCCC

>naRXA00604
ATGCGTATGAAATCAATCGCAGCAATTGCAATCGCTACCGCCGCCCTGGCTGGTGGCACT
GGAGTCGCTAGCGCACAGGAAGCTGGCTCGACTGCTGGTTCTCCAACCTCAGCTCTGGG
ATCCAGCTTCCACAAGAAGCCACCGATCTGTTGAGCTTCTGCTGCTCAGGCTGCG
CAGGTTGAAGGAGCAATTCAGAGCACCGCTGGTTCTTTGCCGTTGGACTCGGCTCGACC
GCCATTGGTTCCACTGCAGTGACCTTGGGAATTGCGGATCTGCTGTCTAGC

>naRXA00604-downstream
TAATTTCTCTCAATAGCTTCAA

>naRXA00610-upstream
CAAGCACTCCCAGGGGAACGTTTATTGAAAACTCGACGCCTTATACGAGCTTCTAGAG
CCTCGGAACCAATTGCTCGAGATCGCAGTCTAACTAGAGT

>naRXA00610
ATGGAACCGAAAAACCTGTACATATAAAGAACTTGCCACGAATATTCAAGAAGAACG
TTTAAACAACTCTTACCAAAATTACTGGCTTCGTCTATCTAAAAAACGATCTAATCAAC
GATCCCAACTTAGTGACCCAAGCACTGCTCAAAAGATGCCAGAAAGGAGTACTTCGCGGA
TATGCAGCATTAAGCAACGTGGCTATCAGCTTTTAGACGATCAGTGGATGCCAATCATC
AGTGTTCGCGAGATCTAAACAGGAGGGACTGCTCACGAGGTGAAATTCTCAGGCGGATT
GAACCAGAAAACACCTGCTCAGTGGCAACATTAGGTTCGTTAATGATGTTCAAGCGATC
CAAGACGTCTTCGACCTGCATTCTCTCAACGACTTTGAAGACCAAGTAGCTCTCATCGAT
CATCTCATCAGGCAGCGCCCCGAATTATTCCAAGAACTCATACAAGAGCCAAAACCTTAAG
AAACACACTCAATACGCCAATCCTTTTGCTGAATCTCCGCAAGAATCACGACTTCGGGTC

AGACTTCATTCACTGGGTTACCACGGCTTCATCCACAGATTCATGTTGAATACGACGGT
CAATCCTATTTTCTAGATCTCGCAGATCCGCTGTGGCAGGTTGCCCTCGAATACAACGGC
GGATGGCACTACACCTCTGAGCAGCGAGAGAAAGATTCTCATCGGAAGAATGCTCTGAAA
AGTGCGGGATGGGATGTCTAGAAAGTGACATCAAAAACCTCTGCAGAATCCGAATCCTGG
AACAACCTGATACAACAGATCAATAGCTCTCTCCGCCGAAAGCAGGCTCAGCGACGCCGA
AGGTTAECCEATGCAAAEGGTGGGC

>naRXA00610-downstream
TAACGGCATCACTGAAAAAGACC

>naRXA00611-upstream
CTTTAAATTGACTATTTACAAAACCTACTTGATGAGTTAGCAAGAGCACATTTCCGGTGCGC
CTCCCTGCTAAACCTCGAAACAATAACTAGATTGCACACT

>naRXA00611
ATGTCTGCCGCTGCTTCTCGATCAAGAAACATCTTGACTGCCCTCCTGCTATTGGTCCCG
CTCATCGCAGGTACCATCTACGCCTCCGCCATGGGCTTGGACGCTCTCCCGCGCATGGTCC
TCAGCAGATGAAGTAACGGGGGCACCTGCAGCCTCCGTAGCCACCAACAACCAGGAGCTT
ATCGAAGCCCGTCGCGCCGCGGAGAAGCCGGCGCCCAAGCGGGGTTCCCTCACCTCAGGA
ACTGAAGAGCTAACCAGCGGAACACAAGAGCTTATCGACGGCGCAGCCCCACTCGAAGAA
GGCGTCTCAGCCGCGGCTGACGGTGCAGCGCAACTCCACGATGGCCTCATCCAACCTCCAG
GCCGGCACTGGACAAATGGGAACCGGCGCCACCGAAATTGCCGACGGCGTCCAAAACGCA
GTCGAACAACCTTGGCGGTCTTGTCGTTGTACAGCAGCAACTCTTAGGCGCCCTCAACGAA
GCAGACAAACAACCTCGCCTCGAGCAAAATCCCCGAAGCCGAAGACCTGCGCAAAACAATC
ACCGAAGTCCGAGGACACCTCGAAAACCTTCGGCATCTCCGTAGAAATGACCGACCAACTC
GATCAACTACGTTCCGGCACCCGCGACCTGGCTAACCAACTCGCAGTCCCGGCTACGGA
TTCCACGATGGTATTTACAGCGCCACCAATGGAGCAGCCGAATTATCTGCAGGTTTGCAA
GAGCTAGAAGCAGGCGTTGGGACTGCCGTGCAAGGCTTCACCGCACTCGATGAAGGTGCA
AACCATTAGACTCCATGGCCACCCTCAACGAAGAAAAAACCTCCGCAGTCCAACGAGCC
CTCCCGGTACCCCAAGTACCCGCGGCGACAATCGAAGGCACCGCAGACGAAGAACGCACC
AGCGCACTAGCGCCCATGTACGCCTTCTTAATTTAGCATTGGTTCATGCTGCGCGGTGCA
GCACTTGGATGGGCAACACTAAAAACAAGTGGCTGATGGCCTTTGCTGTCATTGGTGTCT
ACTGCAATCGGTGGCATTATCTTGTTCACCGTAGCTTTGGGCATATCCATTGGAGCTTTG
TTTGGAGCCTTAGGAATTTTGCTTCTTGCCACTGTTGTTGCCGGTATTCTCTCCCGGATT
TTGCTTGACGTGTTGGGAACCTACCGGGGCTATTGTGGTTTCTGTTCTGGGATGGGTAGCC
CAAGCTGCAGTAATTGGCCATGTATGGAGTGTACCGCTGTATCCGATATCGCACTTGTT
TGGCGAGTCGTCGAGGCATGATGCCACTGCATTATCCAACCTTTGCAGTGACCTCCATT
GGTAATGGCGGATCAGCTGCAGCTATCTGGATGTCTGTTGCTGTCTTGTGGCAATGGGA
GCGATCGGAGCTGTTGCGCTTCGGAAGCCAAAGCGGTTGCGGTTGAGGTTGAAGAAGCT
GTTGATGCTGATGCAGACCAAGCAGCCTCGGAATCC

>naRXA00611-downstream
TGATGGTTTTGGTCTGATTGAC

>naRXA00613-upstream
TGGCGATACCAGTCCGAGTAGGGCTGCACTTGAAAAAGTGAGTGTTTTAGCGATAGTTG
ACACCTTATTCACCTACCTGGGGAGTACTCTGGGCAAC

>naRXA00613
ATGAGTGAACATAAAGACAAAATCCGCGCAGATCTGACCACCGCTATGAAGGCCCGCGAC
AAGGACACCACTGGTACCTTGCGCATGCTGCTTTCCGCATTGACCCAGGAAGAAACATCG
GGAACCAAGCACCAACTCAATGATGAAGAAGTGTGAAGGTGATTGCTCGTGAGATTAAG
AAGCGTCGCGAGTCCGCTGAGGTGTACCCGAAAATGGTCTGAGGAATTGGCTGACGTT
GAGCTTAAAGAGGCTGCCATTTTGGAGGGCTACCAGCCTGAGCAGCTTGATGATGATCAG
CTGAACGCGCTGATCGATGAGGCTATCGCTGAAGTCGGCGGCGAGGCCGATATGAAGAAG
ATGGGCCAGATCATGAAGGCTGCTACCGCTAAGGCTGCTGGCCGTGAGATGGAACGA
CTCTCCACCGCAGTGAAGAGCCGTTTGGCAAC

>naRXA00613-downstream

TAGGTATTTCTAGCGGAAGAACT

>naRXA00614-upstream

CAGTGGTGTCTTGTGCGGGCCTTCATAGCGGTGGTCAGATCTGCGCGGATTTTGTCTT
TTAGTTCACATCATGTTTGCCAGAGTACTCCCCAGGTAGG

>naRXA00614

GTGAATAAGGTGTCAACTATCGCTAAAACACTCACTTTTTCAAGTGCAGCCCTACTCGGA
GCTGGTATCGCCACCGCTGCATGGGGATACTCAGAGCTCAAAAAATTCGAGCTCAAAACA
GTAGAACTGCCAATTTTGAAGCCTGGAACGCTCCGTGGAAGAAGGAATTCGCCTTCTC
CACATCTCTGATCTCCACATGATCCCAGGCCAAGAAACCAAAAAAGCATGGGTCTCCGCA
CTCGATTCACTAAGCCCCGATTTGGTGATCAACACCGGTGACAACCTTAGCGATGAAAAA
GCAGTCCCCGACGTCTCCGCGCACTCGGCCCACTGATGAACCGCCCCGGCGCGTTTCGT
TTCGGAACCAACGATTACTGGGCACCCCGCCCGTCAATCCTTTCGGCTACCTCTTCGGT
AAAAACGCGAAGTGAGCCACATCGACCTCCCCTGGCGAGCCATGCGAGCTGCTTTCATC
GAACACGGATGGCAAGACGCCAACCAGCGACTCGAATTCCAAGTAGGTTCGGTCCGC
CTCGCCATCTCAGGTGTTGATGACCCCACTGACCTCGACGACTACACAGAGATCGCA
GGGGACCAACGTTGAGCGCTGATCTGTCCATAGCGTTGCTTCACGCACCCAGAACCTCGA
GTCCTCGCTCAGTTCGAAGCCGACGGCTACCAGCTTTCCTCTCCGGCCACACCCACGGC
GGTCAGCTTTGCTTCCGGGCAGCAAGCCAATTGTCACCAACTGTGGAATCGACCGCAA
CGCGCCACCGGCTCAACAAATTTGGCGACATGTGGATGCACGTTTCCAACGGCCTCGGC
ACCTCAAAATTCGTCCCATTCCGCATCTTCTGCCGACCCAGCGCCACCCTAATAAAGATC
ACTGAACAGGCACTT

>naRXA00614-downstream

TGACCTGAAAAACCCACAGGACT

>naRXA00616-upstream

AACCGCAACCTCGCGCACTTGGAGTGAAAATTCATCTTCATTTTCATCTTGGTGCTAA
CAATGGAATACAGATTGAGTTGATCAAAGGAGAACCCCA

>naRXA00616

ATGAAATCACTCCCCGTTTCGCCCCACTGATTACGATTCTGGCTCTGCTCGTACTCGTT
GCCATCGGAGGATCTGCACTGGCAAATAATCGTGCTACCCCTAATGTGGAAAGTGAACCC
GCCACGGTCAACCAGCGTTCCACTCCCACAATTCCGCGTATGAGCCCCCTGCTACAGAA
TCTCCGGAAGAACCAACCACACAAATTCAGAATCCCAGTACAACCCCAAGTTCTGCTCC
CCCGCTCAAATTCCTCAAGCCCCACAAGTTCCACTCAATTATCAGTACTATGACGATGAC
TGGGACGACGACGATGATGACTTCGACGACGACTGGGACGACGAC

>naRXA00616-downstream

TAACTAACCCTGAGGCACTTTC

>naRXA00617-upstream

ACGACTGGGACGACGACTAACTAACCCTGAGGCACTTCTATTTTCATGGCTAAATCAAC
TCCTTTGATTGCATCGCTACGCTGGCGAATTGTCCTGTGG

>naRXA00617

ATGACAGCGGTTGTTTCTTGACCTAGCCAGCGTTGTGATCATTACCCGTTCCGGTGCTG
CTTTCAGAGGTAACCAACACCGCGAAGTTCGAGTTCGAGGAAATTCGAGGTTTCGT
CGCTTTGCGAGCCGAAGGAATTGATCCAACAACGCGCAGCCTTTTGAGTCAGGTCATCGC
CTGATGGAGGTTTACCTGTGAGGCGAGATTCCGGATGAAAATGAAGCCATTGTCCGGCATT
TTCCCCGAGAGCTCATTACGTTGATTACTCCAGCTCAGTGGCGCCCATCCGCTTCTC
TTGGAACACTCCGATCCGTTGATTTTCGGAATCCGACAGACCAGCTGAATTCTGGAGTT
TTCAGCGATCTTGAACGCGGAACCACTCACTGGGGAAGGTGAATTTCCAACTGCTTCC
GGTGAGGCCGATGGTGAGTTTCGTTGTCGATTCTTCGCTGATAATCTTAAAGACCAGGTC
AACGGCCAGATCCAGATTCTTATTTTGATCGGCACAGGGGGTTTGATTGCCTCAATTCTG
ATTGCTTGGTTGATTGCGGGCCAGATCATTGCCCCGATCCGCAAATTGAGTTCCGTGTCC
GCAAAGATCAGTAATTCGGATCTCACCTGGCGCGTCCCTGTGGAGGGTCGTGATGAGATT

GCGCAGCTGGCCAGGACTTTTAAATGCCATGTTGGATCGCATCGAAATCGCGTATAACGAT
CAGCGCCAGTTCGTTGATGATGCCGGCCACGAGCTGCGCACCCCGATCACAGTGGTGCCT
GGCCAGTTAGAGCTTCTCGCCACCACCCCGCCGAGGAACAAGCGCGGTCGATTGAGCTG
GCCACCACTGAGTTGGATCGAATGTCGCGAATGGTCAATGATCTGCTCACCTCGCAGTC
GCCGATTCTGGCACCTTCATCCACGCCCACCCACGGATGTCACGGATTAAACAATCGAT
ATCGAAGACAAAGCCCGCACCATCAGCGACCGAATTTTGCTTGTCGACGCCGCCGAGGGC
CTCGTCAGCCTCGACGAGCAGCGGGTCACCGAGGCAGTGTGGAGTTGTTCCGCAATGCG
TTG

>naRXA00628-upstream

GGTTGAAAGTGGCGTCGAAAAGCGCCTTAAAATGACCGGCTCACCTGCATTATTTTATGC
AACCTCAATTTGGTTGCACGCCAAGTAGTAGTCTGTGCAT

>naRXA00628

ATGGCTTCTGTATTCACGAAAATTATTAATGGCGAGCTCCCCGGCCGATTGTGTATCGT
TCCGAGAATGTCGTGGCTTTTCTATCCATCGAACCCTCACCTACGGCCACACCTAGTC
GTACCCGTTGCAGAAGTTGACCGCTGGACCGACCTTCTCAGAACATCTGGAGCGAAGTA
AACGAGGCCTCCAGCTCATCGGAAATGCAATCCGCACAGCATTGACGCCCCCTCGATGT
GGTTACATCATCGCAGGATTGATGTTCCCCACACTCACATCCACCTCTTCCCCACCGAC
AAAATGGCCGATTACGATTTCCGCAACGCCATGGCCGACAGCCACCGACCTGCAAAA
ATGGATGAAGCTGCAGAGAAGATCCGCGAAGCGCTGGACGGTCTGGTC

>naRXA00628-downstream

TAGTTCTTGTAGTTCTAATTGCT

>naRXA00631-upstream

CCTACCTGCGCCGAAGGTGGACACCCAGGATCCGCAGCTAATTCAGACTGTTCTGTGGCG
TTGGATATGTTCTGCGCACCCACGTAGCTAAATCTCCT

>naRXA00631

ATGGAATCCTTATGTTGCTGCGCTCGATGACGAAAACCAAGAAGTCGGCGTAAAAAA
GAAGCAGAAAAAGAACCTGAAATAGGTCCCATCAGAGCTGCCGACGAGCCATACCGCTG
CGCACCCGCATCATTTTGATCGTGGTGGGTATCGCCGGGCTTGGTTTGCTGGTCAACGCG
ATTGCTGTCTCCAGCCTCATGCGTGAAGTTTCTTATACCCGCATGGATCAAGAGCTAGAG
ACCTCGATGGGGACGTGGGCGCATAACGTTGAGCTGTTAATTTTCGATGGCGTCCGCCAA
GGGCCACCCAGCGATTATTATGTGGCCAAGGTTTTCTGATGGATCCAGCATCATCTTC
AACGATGCACAATCGGCACCCGATCTAGCTGAAACCACCATCGGTACTGGTCCACACACT
GTGGATGCTGCTAGCGGTTCTGCCTCCAACACTCCGTGGCGTGTGATGGCGGAAAAGAAC
GGTGACATTATCACCGTGGTGGGTAAAAGCATGGGGCGTGAAACAAACCTGCTGTACCGA
TTGGTGTGGTGCAGATGATCATCGGCGCGCTGATTCTGGTTGCTATTTGATTACTTCA
CTCTTCCTAGTCAGACGCTCGTTGCGGCCGTTGAGAGAAGTTGAAGAGACCGCCACCAGG
ATTGCGGGCGGTGATTTGGATCGACGTGTCCCGCAGTGGCCAATGACCACAGAAGTCGGA
CAGCTGTGAATGCCCTCAATATCATGTTGGAGCAGCTCCAAGCCTCAATTCTGACCGCC
CAGCAAAAAGAAGCTCAGATGCGCCGATTCTGTTGGCGATGCCTCCCACGAGCTCCGCACA
CCACTGACCTCTGTGAAGGGCTTCACCGAGCTGTATTCATCAGGTGCAACAGATGATGCC
AACTGGGTCTATGTCCAAGATCGGTGGCGAAGCCCAACGCATGAGTGTGCTTGTGGAAGAC
CTCCTGTCACTGACGCGTGCCGAAGGCCAGCAAATGGAGAAGCACCGCGTTGACGTGCTG
GAACTCGCCTTGGCAGTACGCGGATCCATGCGAGCAGCCTGGCCAGATCGCACAGTCAAT
GTATCCAACAAAGCTGAGTCCATTCCGGTTGTCAAAGGCGACCCAACTCGCCTCCACCAA
GTGCTTACCAACCTGGTTGCCAACGGACTAAACCACGGCGGACCGGACGCGGAAGTCAGC
ATTGAGATCAACACCGATGGACAAAACGTGAGGATTCTCGTGGCAGACAACGGTGTGCGGA
ATGTCTGAAGAAGATGCTCAGCATATCTTCGAGCGTTTCTACCGCGCCGATTCTTCCCGC
TCACGCGCATCCGGCGGATCGGGCCTCGGCCTTGCATCACGAAATCCCTGGTCGAAGGC
CACGGCGGCACAGTCACCGTCGACAGCGTGCAAGGCGAAGGCACGGTGTTCACGATCACC
TTGCCGGCGGTTTCT

>naRXA00631-downstream

TAAAGGCATCAAGGGCCGGA

>naRXA00637-upstream
 CCGATGGCACTTTCCGTACCTGGAAGGTAGTTGCCCCGCGGCAGAAACAATTAGGGAAACC
 TCTTGACCTTCACGCGACGTCAAGGATTTAACTAACAGTC

>naRXA00637
 ATGACAGATCGAACCATTGGCGAGGCTGCTGAACTACTCGGTGTCACCACCCGCACACTG
 CGGCATTGGGACAGCATCGGGTTGCTTCAACCGAGCTGGCGAACCACAACGGATTATCGC
 CTTTACACAGAAGACGATGTCTGAGCGCGCCCTGCAGATTCTTATTTACAGGGCCGCCGGA
 ATCGGGTTGAAGGATATTGCGGAGGTGCTTGATCAGCCGGATTTCGGCCAATCAGCACCTG
 CGCCGCCAGCGGGAACCTCTAGTGGAACAGATCGGTGAGCTGCATCGGATGGTCCGGGCA
 GTAGATGAAATCCTTGGAAGGATGCGATTAGCGTGAAGGAAAAGATTGAGATCTTCGGC
 GAGGATCTGCCCAAGTACCAAGAGGAGGCTTTCCAGCGCTGGGGCGACACCCCGGAGTGG
 AAAGAATCCCAAAAGATCCAGGAGAAGATGACCAAGGAGGATTTTCAGAGGGCGAAAGAT
 GAACATGAGGGGTTTCGTCGAAAAGCTTATCGACGCTCCCTGCGCGGCATCGCGCCCGGC
 TCTGCAGAGGGCAATGAGCTAGCGCTTGCGCACCGCGCAAGCATCGGTGAGTGGTACACC
 GTGAGTGCAACAAGCAAGTAATTTTGGCTCGGATGTACGTGGAAGACGAGCGTTTAAAC
 GAAACTTACAAAGGACACGCTCATATCTTTTAACTTATTGAAGCATTGGCGCAGGTA
 GAAGGCGTGGACTTGGAGAATGTGGAGTGGGAA

>naRXA00637-downstream
 TAATCCCAATTTCAACTCTTTCA

>naRXA00646-upstream
 AATGCAATCGGAACGTTAACGCCAAGTGATCTGGTGGGATGTAGGTACCGTCAGGTCCA
 GCGCATAAATTTCCAGAAATCTCTCTTTACCTGCAACA

>naRXA00646
 ATGCAGCGCAGGGCCCGCCGTGAGGTTGGGTTGACGGAAGTTTTGGATCGTCTCCAGAG
 CAGCCCAAAAAGCGGGGCCGAATTCCTTTCACCAGGGCAGATCTAGACAATGACGCTGAA
 TTGGCGGAGTTTGAAACCTTCGAAGCAATTGCAGCCGGCGACACCTTGATTACCGGCGCA
 GTGTTACAGGGCACCTTCGAAGGGGTGGCATGGGAAGTGCAAGTGGATGTCTTGGTGCGC
 AACCTTGATGGAAGCTACATGCCCCGTGATGGTGAGCAATCACCGTGTGCCCCGTCCGGAT
 CCGCACAAAACATGACAGGGCATTCGGCTACCCGCTCGGTTTGGGTGAGCCGCTAGAG
 CTAAAGGCAACGCTGCGCCACCACACGATCGATGGCTATCGCCTCACCTCGCGTTGATG
 GGTGGAGGAAGCTGGAGCA

>naRXA00647-upstream
 TGCATTCTTCCCACAATGACATGAGCTTATTGCAACATCGTGGGTAAAGTTGAATCGAGA
 AGTCGAGAAATAACCGACCGATGAAAGAGTTGAGACGATA

>naRXA00647
 ATGGGCATCTTCGAAGCCATCCGAGCCGCACGCGGAAGACCAAGCTGAGATCAAAGCA
 GCCGAGGCAAAAGTAAAACTGAGGCGAAAAACAAAGCAAAGCTAGATCTCAAGCGCGAG
 AAGCTTCTTGTCAGCAGGAAAAGAATCTGCTCAAGGTTGAAGAAAAGGGCCTGAAGAAG
 CGCAACAAGCATGAGCTGAAGATGGCCAAAATATCCTTGAGCAAAAGCGCCAAGGACGC
 CTAAACAAAGACAAGGTGAAGCGCTGGGCTGGCACCGCACGTGTGCTCACTCCACTACTG
 CTGCCTATTATTTATCGACTCTCCACCGAAGCACGCGATCAGGTTGTTAAGGGACGTGCC
 CGTCGTGCAGGTGTACCGCGGAGCAGCTTAGCCAATTGCGAGGTACGCGAGCAGCGCTG
 AAGGCTCGTATTCAAGGTGTTGCGGAAACCGCAAAGAACTCCAGCCTCCCTGCTGGCTTT
 GTACGCGATGTTGAAGAGCGTCTCAATGAGCTCGAGGCTGCTGCGAATAACTCTGAGTTC
 ATGTCTCCACAGCAGGGAACCGTGCGCACAGTCGATCAGTCGTGATCTGAACCAGGTG
 TCAGATCAGATTCAGGATCGACTACTGGACAAG

>naRXA00647-downstream
 TAGCTGCTGGTTCGAGTCGCTGCC

>naRXA00649-upstream

GTATTTGATCTGTGGTGTGGCTGATTGCGGAGGACTCGATGACATTATGTGTATGGTACA
CATTTTGTGCAAGATGCAATAGCTGGCAAACCTGGAGAGCC

>naRXA00649

ATGAGCACCGACCCCATCGCGGCCTTGAATACGAATCCACCATCTTCGCCCGTCACCGG
AATCAATACACCGGCEAAGEAGGTAEGAATGCTGGCGTCTTCGATTCAGCGGCTACAAC
CTACTCACGCTGCTCCAGTTACGTGGCCCCCTCCACCATCGGCGAACTCAGCGCCATCACC
GGCCTAGACGCATCTACCCCTTAACCGTCAGACAAAAGCCCTACTAACCAAAAGGATTTGTC
GAACGCATCCAGATCCCGACGGTGAATCGCTCGGAAATTCCACCCACCGACCTCGGC
AATGAACTGCTCAACGAGGAACGCACATCCAGCCAAGAAAAATATGCCGAGTTACTTTCA
GACTGGCCCGAAGAGGATCTACGCACCTTCGTCAAACCTCTTGAAAACTAAATAAGCC
GTGGAGACACGCGTCGGAAAGCATTGGCCGCGCCCC

>naRXA00649-downstream
TGACTCAGCCCAAGCCAGAGCCC

>naRXA00652-upstream

GCGATAGCTCATCGCGCCCGGTTGATTCCCTTCTTCACAAGGGTTTCAACATCGAGCTC
ATTGCGTCCGGTTTCCGACACACGATCTAGGCTTGACTGC

>naRXA00652

ATGCGTCGTACATTACCTACTATCCTCGCTGCTTCCATCATGCTCACCGCTTGTAACCCG
GCGGAACCTGAAGCAACCCAGAGACCACCGAGGCAGCCCCGGAAGTAATTACTGAC
GGCCTTCCCATCGACGCGATGCCCCGCGTGAACGCACCGCACAAACCGCATGCCCTTAC
CTGGGCACCGACTGGGTGCGCGATACCAACGGCCAGCGCGTCACGGGTACGGCACAGAC
GAACGCTTTTCGACGCCCTCCTGCGTTTTTTACTCCTACCCCGAAGAACCACAACCTCAGC
GTGATTGTCCGCGATATGGCCACCACGGATGACGCTATCGCGGTAGTGGATTGGGCAGCC
CCCATCGATTCCACTGAGCCCGCTGAGGAACCCGAGGGTGGTCCGGTGGCCGCCGAGGT
GGAAACGATACTTACGGCGCACTCTACGCGGTTCAAACGGCCCCACCGCGGTTCATCGTG
TTCACCAATCAGGATCAATCCCTCAAAGCGCAGTTAATCGCTGAGGAAGTAATCCAGAAT
CTTGGTCTC

>naRXA00652-downstream
TAACTATTAGAAGCCACATCGT

>naRXA00653-upstream

GTTGAGATTGCGCTAACAAAGATTTTGGACGAAAACAGTAACGATGACAGCCACGTTAAG
CGCGGAATCTTCTCGCAATGGTAAAAAGCCGCGGCTCGA

>naRXA00653

GTGAGTGTTTCCAGGTTGTTGGTGAAATCTTGCTCACCGTAGGCATTTTGGCCTTGTTA
TTGCGATACTATGAGGCCTATTGGACCAACGTGGAATCTGGGAAATTACAAGAATCGGCT
GGTCAAAAGCTTGATGAAGACTGGAATGAAGCTCGGGTGAATCCTCGACAAAAGCTCACC
CCGGAACCTGGTGAGGCATTTGCCCGGATGTATGTTCCAGCTTTCGGCTCTGACTTCAAC
TTCGCAGTGATTGAAGGAACCGATGAGGAAGACCTTCTTGCCGGTCTTGCCGTTATGTG
GATTCCCAAATGCCTGGTGAAGCCGGAACCTTTGCAGTGGCAGGCCACCGAGTGGGCAAG
GGTGCGCCATTCAATGATCTAGGAAACCTGGAAGTCTGCGATGCGATCGTGGTGGAGACT
TACAATTCTGGGATGTGTACCGCGTGATGCCGATGTCCACCAACGGTGCAGATCGTGCA
GCAGAAGCTGCGGATTGCTTCAACGAAAACAGGTGAGCCGCATGGCTGAAGGTGACTAT
GTGAATGTGTCCGGACGAAGCATCACCCTCCGGATCGCATCGATGCCACCTACCCACA
CCGGGCGTCTTCGACACTGCGTGAAGGATCAGAAGCTCTGCTTACCTTGACCACG
TGTCACCCGCAAGTTCTCAACGCTGAGCGCATGATTGTGCACGCAATGTTGGTGGGAAGAA
ATCGATAAATCAAGTGGCGAACGCCCTGCAGCTTTGGAGGAAAAC

>naRXA00653-downstream
TAAATGTATTCACTTCTGTGGCA

>naRXA00654-upstream

CAGCAATAGCGATTATTGCTTGATTGTGTGTTTTTAGATCTTCGGTTCTCTTCACTCAAC
TGCTGTGAAGTGCCACCTGTTTGAAAGGCGAACACGATA

>naRXA00654

GTGCTCGATATTTTGATTTACCCGGTGTCTGGAGTGATGAAGCTGTGGCACCTGCTTCTT
CACAACGTTGCGGGTTTGGAGGATTCACCTGGCGTGGTTCTTTTCCCTTTTCGGCCTTGTC
ATCACGATCCGTGCAATTATCGCGCCTTTCACCTGGCAGATGTATAAGTCGGGCCGCACT
GCCGCACATATTCGTCTCACCAGCGCTGCGCTCCGGGAAGAATACAAGGGAAAAGTACGAT
GAAGCGTCCATTTCGGGAGTTGCAGAAGCGCCAGAATGATTTGAATAAGGAATACGGCATT
AACCCGCTGGCAGGTTGTGTGCTGGGCTGATCCAGATACCGATTGTCTTGGTCTTTAC
TGGGCATTCTCCGATGGCTCGCCCTGAAGGTGGTTTGGAAAATCCCGTCTTCCAGTCG
ATCGGCTTCTTAACCTCTGAGGAAGTGAATCTTTCTCGCTGGTCGCGTGAGCAATGTG
CCTCTGCCCGCTTATGTTTCGATGCCACTGAGCAGCTAAAATATTTGAGCACACGCGAG
GCGGAAGTTCTTAGTTTTGTTTTGCCACTGTTTCATCACAGCCGCAATCCTCACCGCAATC
AACATGGCGATGTCCATGTACCGCAGCTTCCAAACCAACGATTACGCATCCGGATTCTCT
AACGGCATGCTGAAGTTCATGATCGTGATGTGATCCTCGCGCCGATCTTCCCACTGTCC
CTTGGCCTCACAGGACCATCCCCACAGCAATCGCACTCTATTGGGTGAGCAACAACCTG
TGGACGCTCCTCCAAACAATCATCATGATGGTCATTTTGAACGCAATACCCACTTACC
GACGATTTCAAAGTGACACCTAGAGCAGCGGACATCTACCGCGCAAAAACAAAAGAA
AAGCGCATCTTCTGTGGACACGACGCAAAAACCGCGCCCTGATGATTCTCACCCATGG
AACGCTCAACGCTTACGCAACAACGTTGGAATCACCAAAACCCGTACTGCCGAAATC
AACGAAGCAAAACAGGCCCGCAAGAAATCGCGAACAAGAGGCGCAACGCAACGTGAA
ATGAACCGCGCCGCCATGCAGCGCTTAAAGCAGCGTCGCGCTGAGGTTAAAGCTAAAAAG
AAGGGGCTTATCGACGCCTCCCCAACGAAGATACCCCTTCGGAATGAAGAACTAAA
TTGAGTAGTCCGAGGTGGAGCCGACAACAACCTGCCGAGCCAATCGCGAGCCGTCTCAA
GAGGAC

>naRXA00654-downstream
TGATGTTGTGGACCAATCGAGAT

>naRXA00656-upstream
CCTTTTAATAACAATACAATGAATAATTGGAATAGGTGACACCTTTGGAGCGGAGCCGG
TTAAATTTGGCAGCATTCACCGAAAGAAAAGGAGAACCAC

>naRXA00656
ATGCTTGCCCTAGGTTGGATTACATGGATCATTATTGGTGGTCTAGCTGGTTGGATTGCC
TCCAAGATTAAAGGCACTGATGCTCAGCAAGGAATTTTGCTGAACATAGTCGTCGGTATT
ATCGGTGGTTTGTAGGCGGCTGGCTGCTTGAATCTTCGGAGTGGATGTTGCCGGTGGC
GGCTTGATCTTCAGCTTCATCACATGTCTGATTGGTGCTGTCATTTTGCTGACGATCGTG
CAGTTCTTCACTCGGAAGAAG

>naRXA00656-downstream
TAATCTGCTTTAAATCCGTAGGG

>naRXA00657-upstream
GATCATGAGTTTCCACGAACTGTAACGCAGGATTCACCAATCAATGAAAGGTCGACCGAC

>naRXA00657
ATGAGCACTGAAGACATTGTCGTCGTAGCAGTAGATGGCTCGGACGCCTCAAAACAAGCT
GTTCCGTTGGGTGCAAAATACCGCCAACAACGTTGGCATTCCACTTCGCTTGGCTTCCAGC
TACACCATGCCCTCAGTTTCTCTACGCAGAGGGAATGGTTCCACCACAAGAGCTTTTCGAT
GACCTCCAGGCCGAAGCCCTGGAAAAGATTAAACGAAGCCCGTGACATCGCCCATGAGGTA
GCGCCAGAAATCAAGATCGGGCACACCATCGCTGAAGGCAGTCCCATCGACATGCTGTTG
GAAATGTCTCCCGATGCCACAATGATCGTCATGGGTTCGCGGACTCGGCGGACTCTCC
GGAATGGTCATGGGCTCCGTCTCCGGTGCAGTGGTCAGCCACGCAAGTGTCCAGTCGTT
GTTGTCCGTGAAGACAGCGCAGTCAACGAAGACAGCAAGTACGGCCAGTCGTCGTCGGT
GTGGATGGCTCCGAAGTCTCCCAACAGGCAACCGAATACGCATTTGCGGAAGCTGAAGCT
CGTGGCGCCGAACCTGTTGCAGTTCACACCTGGATGGACATGCAGGTACAGGCATCACTT
GCAGGTCTTGACGCTGCTCAACAGCAGTGGGATGAAGTGGAACGTGAGCAACCGACATG

CTGATCGAACGCCTCGCACCCTGGTGGAAAAGTACCCAAGTGTAAACCGTCAAGAAGATC
ATCACCCGTGACCGCCAGTTCGCGCACTTGCAGAAGCATCTGAAAACGCGCAGCTCCTA
GTCGTTGGTTCCTATGGTTCGTGGCGGATTTAAGGGCATGCTCCTTGGCTCCACCTCCCGC
GCACTGCTGCAATCCGCACCGTGCCCAATGATGGTGGTTTCGCCACCTGAGAAGATTAAG
AAG

>naRXA00657-downstream
TAGTTTCTTTTAAGTTTCGATGC

>naRXA00661-upstream
CGGATGCAAGAGAACCGTGGTTTCGCTGATTTTTGGCGAACCCGGAATTAAGGCCCCGAG
GATTACATGCTTTTAAATCCTTTGAAAAGGGGACAAGATC

>naRXA00661
ATGAATCCTATAACCGAATTATTAGACGCAACACTATGGATCGGCGGAGTTCGATTCTG
TGGCGCGAAATCATCGGCAACGTTTTTCGGATTATTTAGCGCGTGGGCAGGAATGCGACGC
ATCGTGTGGGCATGGCCCATCGGCATCATAGGCAACGCGCTGCTGTTACAGTATTTATG
GGCGGCCTTTTCCACACTCCACAAAACCTCGATCTCTACGGCCAAGCGGGTCGCCAGATC
ATGTTTCATCATCGTCAGTGGTTATGGCTGGTACCAATGGTTCGGCCGCAAAACGTCGCGCA
CTCACCCAGAAAATGCAGTAGCAGTGGTTTCCTCGCTGGGCAAGCACCAAGAACGCGCC
GGCATTGTGATTGCGGCGGTTGTGGGAACACTCAGCTTTGCCTGGATTTTCCAAGCACTC
GGCTCCTGGGGGCCATGGGCGGACGCGTGGATTTTCGTCGGCTCAATCCTGGCTACCTAC
GGAATGGCTCGCGGATGGACAGAGTTCTGGCTGATCTGGATCGCCGTCGACATAGTTGGC
GTTCTCTACTTTTACTGCTGGCTACTACCCATCCGCGGTGCTTTACCTGGTGTACGGT
GCGTTTGTGAGTGGGATTTGCTGCTGGCTGCGGGTGCAAAAAGCAGACAAGGCTCGT
GCGCTGGAAGCTCAGGAGTCTGTGACAGTC

>naRXA00661-downstream
TGAAAAGCGTTTACTAAATAGAA

>naRXA00662-upstream
CCCTCATCATAGTTTTAAATCTGGGGCAGAGCGGGAATTTAAACACCTCTGATACAGCG
TTTACTGGCTATAGTGTTCGCGTGCCAAATCGAGTTCCT

>naRXA00662
GTGTCAACCATTCCGCTGAATCGTCTAGCCGTTATCGCTGCCATCATTTGGTGTGCGTACC
GGGCTGTTTGTGTGCACTGAACCTGGTCTGCCATTGGCGTGGAGCGTTTAGTTTATGGC
GCTGACCATTTCGATAATTACAATCCGGTGGCCAATGTGTGCCACTTCGCCGTGCCATC
ACGGTGATTGTGCTTAGCGTGGTGGCCTCCTGGGCGTGGTTTTTTGTGCACCGCACGGGG
CCGAAAGAGGTTTCGATTGTGGGTGCGATCCGGGGCGAGAAGATGCCGATTTTGGAGACC
ATAGCGTCCGCAATTTTGCAGGTCAACACGGTTGCTGCGGGTGCGCCGGTGGGTGCAGAG
AACGCTCCACGTATTGCTGGAGCCTTGGTGGGAGAGCGGTTTAGTCGGTGGTTCAGCTC
GATATTGATGCAAAGCGCATCTTGGTGGCCTCTGCCCGGGAGCTGGTTTGGGAGCAAGC
TTCCACCTTCCCCTAGCAGGCGTGCTGTTTGGCCTTGAGGTCTACTGGTTGAGGCCTCC
ACTCGGACCGTGGTTATCGCAATTATCACCACGACCGCCGCGTTGCCACCACTGGATTT
TTCGTGCAACCCAGATGTGTTTCAGCACTGTCCCGCTGACGGAAGCCCATGGATGCTG
CTTGCCCGCATGGTCACCGGAGTAGTCGCCGGCATGTGCGGGCACTGGTTTTTCAGCGGCG
GCGCACAAAATGGCGCAGGCCTCGCCCAAGGGTGTGAAGATTTTGTGGCAGATGCCGTTG
GGTTTCGTGGTGATCGCTGCGGTGATTTATTTCTTCCCGAAACCCTGGCGAATCCCCGT
TGGCTTGGCGATTTCATGCTCGGCGATGGCCTGATCCTCAGCACCATTTTATTGGTACTT
GTTCTGCGCACCGCATGTTTTTGTGCTCGCCTTCCGCGTGGGCATGGTTCGGCGTAACCTG
ATCCCCGCATTTCGCACTCGGATCCATGGTGGTGGGGTAGTGGGTGCTGTATTGGAACCC
ATCACTAACGTCCCGATCGCCGCTTTTGGCGTGCTTGGCGCCGCCGATTTTTGTCCACC
ACCATGGCAGCGCCACTGTTGGGCTCATCGCCGCACTGGAATTCACCGACATGGAAGCC
CAAGGCTACCTTCCGATTTTCTCGCAGTAGCCTCCGCGGTCTCGCCGTGCGCGTGTGG
TCTGTATCGCCAAGCAGAGCTCCGCGCCATCCCGATCACGTACGCGAGCTGGACGGGG
GAGCTTAAA

>naRXA00662-downstream

TAAGCTTGTGACGCCTCCCTCC

>naRXA00666-upstream

AGTGGTGAATGCTGGATAAGTTTTTAACATGTCTAGTGTAGTCGGGGAAGGCCAAAACC
ACGATTGAGCGTGCTTGATCTCGTCGCGCTGAGTGAAGGG

>naRXA00666

ATGACGGCCGCGAGGCCATTGCACACAGTGTTTCGCGCTGCGCAGATCGCCGAAGAGCAC
AATTATGCGCGTTTCTGGGTGGCGGAGCACCACAACCTCGGAAGGCTTGGCATCTTCCGCG
ACGACGCTGCTCATGGGTTCATATTGCAGGCCACACTTCACGCATTTCGCGTTGGCTCCGGT
GGCATCATGATGCCCCAACCACTCCGCGCTGCACGTGCGCGAAGAACTCGGCACCCTTGAG
GCCATTTACCCCGGCCGCATCGAGGCCGGCCTAGGGCGCGCACCAGGAACCGACCCCATG
ACGGCGCGGAATTGGGTGCGGCAAGTTCGCTTGTCGACGACGTCTCTCCACAATCGTC
TCCCTCCAGAATTATTTGGACACCCCC

>naRXA00667-upstream

GGCATCAGTGTTTGAAGGAAAAGCAGGTCAAACAAGGTGCGGCTGATTTGAGCGATCAC
AGCACCGAGATCTGTGCTGAAGAATTCAATGATTGGGTTG

>naRXA00667

ATGATTGCGTTGAAGTCCATGTCTAACAGGGTAGTACAAAAGCCAAAAATGAAAGCGCCG
CTACCCATCCGCGACGGCCTCAACCCCTCCCGTGTGCGCTTGCCGCTCGACGCGGCGCCG
ATCCGCGCCATCGATTTTGTGAATACCTCATTTCACGCAGCGCCACCGCAATCCGGCC
GACAACGCCGAAGCGCTTCAAGCGCGTTTCGACGCCGACCTTGTGTCAACCACTACGGC
GAGCCCTACGCCCCCGACACCATGGTTCAGCCCGACGACGACATTTGGTTCTACCGCATG
CCCGCGCCGAACGGCCGATCCCTTACAAAATTCATGTCTTACGAAGACGATGACATC
CTCGTCATTGACAAGCCACCCTACCTAGCAACCATGCCTCGTGGCCGCCACATCACCGAA
ACCGCTCTGGTGAATGCGTGTGCTGACTGGAACAACGATCTCACCCAGCTCACCGC
CTCGATCGCCTGACTTCCGGTGTGTTAGTCATGGTGAAAAAACAGAACTCCGTGGCGCT
TACCAAACCTTGTTTGGCCGACGTGAGGCGTCCAAAACCTATGAG

>naRXA00668-upstream

CTAAACTCGTCTCTCGTATCTTTTCAATCATTATGTCTGATAAGCAGGCGCGTGCGCCAC
ACAATTGGCACAATCACAAGAAAGTGAAGTGGGAACCTAG

>naRXA00668

ATGCTGACGACACTATGGATTGCGGTGTTGGTATTTACCGTTCAGGATTGGTCGTCTCG
TGGGTTTCTGGCCTTAAAGTGCCCTGGGCTATCGCAGCCTCCATCCCAGCCACCTTCGGT
ATTTACGGCCTGTCCGCCTGGTTGCTGGGCTTGTGGGAGATGCGTTTTGATCTCCATTCT
GTAGTTATTTCCACATTGGTTTTTCGCTGCGGTTGCTTTGGTATGGCGCTTGTTTTTGTG
GGTGGTTGGCTTGACGTCGGCGTAAAGCACGTATCCGCAGGCAGACGCTCGCGGATGAA
GAGCGGGCAGAAAATGCTGAGGTATCTGCAGGGGAGCCTGCCGAATCGAGCACAACGAA
GCAGCCGAATCTGAATCTGAAACCTCGGAGCGTCGCGGAATCTGGCGCGTGATCTTTGAT
TACATGCGCGACGGTGGCATCTTGGATCACCGTTGGCTGCTGCCTGCCGCAGGTGCTATC
ACTGGTGCCTGGCTGATCATTGATCGTGCCGTTGATCTGCTCTTGAGCACCGAGCATGGT
TTGGGCGATATCGTCCAAGGCTGGGATGTCCATTGGCATGCTTCGACTGTCCGTTTTATA
GATGAGACCGGCAATTGCGTCATCCACGATGATGGGGCAGCTGCGCAATATTGAAACGCAG
CAAGATCTGTTCTACCCAAGCGCATGGCATGCTGGTGCATGGGTGCTGTGCGATGTGCGA
AATCTGACGATTGTTGAAGCCACCAACCTCACTGGCATTGTGCTGTCCGGATTGTTGCTG
CCGTTAGCTGTT

>naRXA00674

ATCTTTGCCGAGCATTGGCGTTCATGGGTATGTTCCAGCTGCATCCAGCCCCATCCACC
ATCGTGATCATGGTGTGCTGCTGTGGTGGCTGCTCAAACCTCGTGGTGGTTCCAAGCCAG
AAAGTGAAGGGCTGGAAGGCGGGCATCGGTATCCGTTTGAAGGATGTCGGCATCTCGGCC
ATCACGGGCATCATCGGTGTGCTCTTCATGCTGCCTCAGGTGATTTCAGGTTCCGAACAA
ACCGAAGATGTGCTGTATATTCTGCTGAGGAACAAGTCACCCGCAGCGAGTCCTGGTTG
GTGCTATTTTTCATGGAGACCCGCCATGTTGATTTCTTCGGAAATATTGACATCGTCCCA

GTGCTGGTATTTCGCAGCAATCGGTGGCGTGGTTGCTTTGGTGTGGCGCGGAACTTGTGG
GCGCCGGTGTTTTACTTCGCCAGCGTTGCGTTGACCGCTAACTCGCTGAAGCCTTTTGAA
GAGCCGTGGGGTGATTGGCTCAACATCGTGGGCGGTCTGCATTACTCCACAGGACACCGT
TTGATCATGCCTGTCGCCATGTTCACTTTTGCTGCCGAGGTATCGGCGCTGCCGAGTG
ATCCGTTTGATCTGCTTGGGACCAATAAAGAAGTTACCACTGTTTCCGGTGTGTTTCT
GTGGTGATGGCTCTGTTGTGGCTGTGCCATTGCAGACTTGGGCGAAGGATTTGTAGAG
GAAGGATCCGAAACCACAATCCTTGCGCCA

>naRXA00676-upstream

GGTTTGCACCTCCCCGGCGTGCCGCCAGGGGAGGAGGCGATAAACTTTTTACCTTTC
GAATATCAAAATCATAAAACAGCCTTATATACTTCAACGT

>naRXA00676

ATGGCGAAGAATTCTCGAATCCGATACAGCGGTCAATCAAGCGTGCCGAGCTGCAATC
CTCACCGCAGCTGCTACCTCAGTCGCGTTGATCGCTGTGCCAGCAACTGCTTCAGCACAG
GACCTCGCAACCGGAGCTCCAGATCCAGACTGATGCTCGTGAAGGTGCGTGGGCAACC
CGCAACACCATCCAAGACCAACTTGCTCCATTGGGCGAGCAGCCCTCCAGTCCGCGCA
GCGGTAGACAATGCCATCAACGGCATGTTCCAGGACTTGTGATGAAAAGGTTGCAGCA
GAGCAGGAAGCTGCACGCGCAGAAGCTGAGCGGAAGCAGCAGCTGCACGTGAAGCAGAA
GCAGCCCGCTAGCCGAGAAGAAGCCGACGCTTTGACCGCGGCTCTTGCCAGCAATC
GCTGATGCTCGCTGGACATTGATGGTGGACGTACCTGGCTGCAGGAAAACGGTCAGGTC
ACCTACGGTGCAGTCCCAGTTTCTCCGGCGGAGTTGGCCAGGAAACCCCTCGCGGAACG
TTCTACATCAACCGCAAGGTCAAGGATGAAATCTCTTACGAGTTCGGTAACGCCCCAATG
CCGTACGCCATGTACTTCACCTACAACGGCCACGATTCCACCAGGGCAATGTTGCGACT
ACTTCCGCTGGTTGTGTTGCGCTAAACACTCAAGATGCCATCTACTACTTCAACAACGTT
GGCATCGGCGACATGGTGTACATCTAC

>naRXA00676-downstream

TAAAACTCACCGTTGCTAGCAGG

>naRXA00678-upstream

TGCGCAGTGCACCTTCCAGGAACCAAAATATCCCCGCCGACCTTGCTGCAGATATTTGCG
AGCCGCTGAAAAAACTAGCCGTTGACCTGGAGGTTACCCG

>naRXA00678

ATGACTCGCAGTAATTTACCCGCTTGGGAGCAAGCAGACCCAGCGTCCACGCCTCTGAT
CCCCGCGCCATCACTTTTGCAGGAGATTTTGGGATTTCGTCCCATCCCGGCCGTAGGTCCA
ATTGATACCACCGCTATCTGTGCAACACCTTCAAATGGATTTGAGCAATTATGGAAAGCC
ATTGAGCCGGAACCCGCAACCGCGCCAACGACATTATCTTCCCATCGTTCGTGGCGTAC
GCTGAACGTCTCTGCGACGCTTACCCACTGGCAGATAGAGAATTGGTTCTCGTAGCCGCA
ATCTCCACGACACGGGCTGGGCACATGTCGATGAGAGCCGAATCATCTCCGAAGGATT
TCCGGAACCTGGCGCAAAAGCAGCAATCCGCTTCGAACACGAAACAGAAGGCTGCACTGTG
GCCGCGGAGTGCTTCCATCCCTCGGATATACTGTGATTTTGTGAGCATGTCTGCGAC
ATCATCGACGGACACGACACCCGCCAAGTGGCTACTACTAGAAGACGCTCTTGTTCGC
GATTGCGACCGACTCTGGCGTTTCGACCGCGCCGGGATCACGGCTTCTAGCTCATGGTTC
GGGATGCCAGTCTCAGATTATGTGACCGCTGCACAGGGAAATCCTCCAGAAATTAATC
ACCGAAGCTGCACACCAGATGGCTACTGCAGACCTCAATCGTGCAAAGGCCCTGTTAAGA
ACGGATGCGATCCGA

>naRXA00678-downstream

TGAATGCTGCAACCAGGCGTGCT

>naRXA00691-upstream

TGCAGCTGCAGTCGCACTATGGATTGTTCTTGCCATATCGCCATGGGTTCTTCTGCGCA
CGCCTTGACCAGCCTTGTGAAGACGACCAAGTGACAGTG

>naRXA00691

ATGGTTGAGGGCAACACCATCGGCTGTGCTGACGCCGCGGAAATGGCTATCAAACGCTT

CTTGATGCCGGATTGATGTGGAAACCACCGTTCAGTTTCCAGAATTCTTGTGCCGAATC
AATGATTTCCAGGTCTGATGTGGACGATTGCATGACCGCATCACCTGCTGAAGCTTAT
TGGTCTTATTGGCATGCTCCCCTCGGCGGAGATGAATGGGAATACAGCAACCTTGGAGCT
TTCCTCTACTACCCCAAACCCGGCACTGTTGAAGCGTGGTATTGGGGAGATACTGATCGT
CCCGGCGCGATCCCGGTGAGTAAATCTCAGGCGGAGTTGGGGTTAGACTCCGCGGATCCG
GATTACAAAATTGATTTTGTATCCAAATGATTTTCATCACCAACGECAGCTCCGAGTCC
CCTATCGCCGATTAGGGGGTGACGAAGAGCCCACTGAAACTACTGAAGCTCCTATCGCA
GGGGCTGGAGCTGGTTCGGCAAGAGGACAAGCAGCTGAACCCACTGTTGAGGTAAACCCCT
GAGAACCCTAATGAGGTATTGGTGTATCAGGATTCTGAAGGAAACTCGATTACTAAAGGT
CAGTACGAGAACTTGGTTGCTGCAGCAGCCGCTAAGACCACTGCTGCTGTCCAAGCCCCA
GCTGGGGCTGGTGAAGCAAATAGCCAACCGCAGGCAACAGCGGTGGCAGAAGCTCCTGAA
GTTGATCCGATGACCACGCAGGTTCTTATGGCGCCTGCGGGCCAAGATGGAGACGTCATG
GCTGAGGGTTCGACGCAGCAGACGTACGCCACAGGCACGGTGGATTCTTCTGCTCAGGGA
TGGATCATTGGACTCACACTGGCTGTCAATTCCTTGGTTTCAGCGTCTGCTGTGGCGGCG
TGGGCGATTTCGTCGTTTCAGAGGTCCAGGGT

>naRXA00691-downstream
TAAAGCTTCGTGAAATGGATTGA

>naRXA00692-upstream
CCTTAAAGCGGGTCAAGAACATTTCTCCAATTCATTTTAAGGACATGTTTTTCATGGCTCA
TCTACGTGGGAAGAGAACCATTTCGCTGGTCTGCTGCAACC

>naRXA00692
GTGGCTTTAGCAACCGGTGTTTCCCTGTTGGCTCCACAGGTGCTTGTGCACAGGATGCA
TCATCGGATATTCAATTAGCTACCCAATTCATCGAAAAAGAATTTGCAACGAATGGCCTC
ATCCCTGGGCTGTAGGTACTCCAGATATTGGGCTCAATCAGGATCTGTTGCTGTCCCTA
AATGCGCTTGCCCTGATTCTCCAGAGATCGACGCTGCATATGCTGCAATTGCTCCGGAG
CTCGAGGGCTATGCTCAGTTTCTGACTACATCTTCAGCGATCGTCTAGCCAAGACCGTA
GCTTTCCAAGATGCCCTCGGCGTCAGAGATGCTGATTTTATCGCGCAACTTGTGAGCGCT
GTTCAAGAAAACGGTCAGATCAAAAACCTTAGATAATGGTGAAGCCACAACCTGCAATTAAT
AACTTCAGCCAGGCTGGGGCGTTCTAGCTCTGCACCGCGTCGGTGAAACCGAAGCAGCC
GAGCGCGCAACAGAATTCCTTAAACTCAAGTGTGCTCCGACGGTGGTGTCCAATTAGCC
TCAGCAATCGAACCTACATGCAAAACACGGATTCCGATGTCACTGCAATGGCTGCACAG
GCTTTGACTCTGGCAAATGGTGGCAGGATCCAACCACACAAGCCACTCTCGATTACCTC
GTCACCACGATGGATGAGACCGGTGGTGTCAAAAATACTTGGACCGGTGTGAATTCCAAC
TCCACGGGAATTGTCGGATCCGCTTTTGTCTTTCGGGGCGATGAGGAAAACCTACCTCAAG
GCTCGTGAATACCTGGCATCTGTTCAATTTGGCGAAGATGCAGACCCATCGATTACGGGT
GGCTTTGCTTTACCGTGAAGGCTAAGGAAACCAACACTGCGATTAGCGATCAGATTGCA
CGCGCAACTGGCCAAGCAGCATTAGGTTTTGCAGGCGGTAACCTACGCCAACGATAAACTG
ATCACCATTGCGAACCCAGTAGATCCAACCTCCAGATCCAGAAATTCGAACCTCCCCAGCT
GATTCAGAGGGATCCACCGGTGGAATTGGCGGCGCTGGAATTATCATCGCCATCTTGCC
ATCCTTGCCGCCATCGCTGGTGTGATGGGACCAATGATGGCTAACCTGCAGTTT

>naRXA00692-downstream
TAACATCTGAGAGAAGTACAGTG

>naRXA00693-upstream
TCCATCAGCCCTCCCCCGGTGCCCCACGCGGGGCACGGTTAGCGCTGCTAACCTGGCCC
GATGTACAAATTAATCTCACCGCATTTGTTCAGGCCACGCC

>naRXA00693
ATGTGGAAGAGGCTTTGGAAGAATTTCGGATCAGGCCCCATCCACGGCTCGGGTTATTTT
GAGAACTATCTTCCCATCGACTATTCCGAAGCAGGATTTCACTACTACCTCAAGGAGCGC
ACTGACGCGGCCGATCTTTCGGTTCCACCACCGAAGGTTTTGTGCACTGCAGCTATTTT
TGGATCGTTGATGATGACGATGTTCTTGTGCGATTCTTAGCTTTAAGGCACGAGCTGAAC
CAACATCTCCTGGAAGTCGCGGGGCCACATTGGTTACGGCGTGCGCCCGTCTGCGCGTCA
AAAGGTGCTGCAACCGCAGCGCTGAAACTCGGTGTTTCATGAAGCTCAGGCCTTGGGCATC
GACAAGGTTTTGCTGTGCGTGCAGGAGATAACGAAGCGTCCAGGAACGTCATCGAAAAG

TGCGGTGGAGTTTATGAATCCACGATCCGTGGAATGCGACGCTATTGGATAGCCACAGAT
TCT

>naRXA00693-downstream
TAAAAATCTTCGCAAGAACTTA

>naRXA00701-upstream
AAGAGACGATGGCGTATAGGACGATGATGAGCATTTCTTTTTTGCCGCGTACTTGGGGGA
GTAGGCCGGCGCCGAAGCTGACCCAGGCGGCTGCGAGCAT

>naRXA00701
TTGGTAGGGGAGCCACGGTCCGATTCTGCGGTGAGCAGCGCGGATGCGAACAGTCCGGT
GTTGCCGAGGATGAATCCGAAGCCGGGTCCGAAGGCTCGTCCGCCGAGGATGAGGACAAA
GAAGACTGCTTCAAAGCCTGCTGCGCCGGCACC GAATGGTCGGACTACGGCAACCATGGC
GGTGAGGACGCCGAGCATGGCTACGGCTTTAACGTCGAATCCGTTTTCTACTGATTTCCGC
GATGACAGCGCCAGCAGAGGGGAATGACGATCGCGATGTAGAGGGGCGCTTGGGCTTT
GTCGGACAGGAAGGATTCCGGGTTGACGATCAGCGGCCAGAAGAAAATCACGATGCTCAA
AACC GAAGGAAGCT

>naRXA00701-downstream
TAAGGTGAGGAAGGTTTTGGGCT

>naRXA00704-upstream
TCAAATTCTGCGCACAAGTGTTCTAAGACGACGCTCTGCCCATCGGCGCTCTAATGCACA
TTACAGCGTTTACAGAATTGAAAATGAAAGGTTCAAAGCC

>naRXA00704
TTGACCATTACTTTTAGCCGCGTTGCTCTGACCACCCTGGCAGTCACCGCAACCACTTTG
TCCCTGAGCACTGCTGCGAATGCACAGTCTTCTTGTGGATAAGACTCTTGATGCCCGT
CAGTGATCGATGCGACACAAGTCTGGGTCTCAGTTGACTATGGTGAGATTCCGAAAAA
GAACCAGAGGGCGCATGTGCCACCGAGTTCAGTGATGGTGTGTAGCTCTTGAATCTGCT
GGGTTCAAAC TGACCTTTGACGAATCTGAAATGGGCAAATACATGACCGGTATCAACGGA
GTTGTTCCCTGATTGGGTGAAACTGGAACCTACTGGAGTTACTACTCTGGTGAGTCGCA
GATGATTACAGCGTGGACTACACCTACTACGAGGTTGGTGATCTAATTCTGAACCTGAA
GGTGGAAC TGTTAGGCTTGGGTGTTGGCACCGGCGAGGAAACACCAGCACTCGAGACT
CTTTCTGAAACCTCAGCAGCAACCGGATCTTCT

>naRXA00704-downstream
TAAGACGGCGGCTGGATTGCAGT

>naRXA00707-upstream
TAGTTAAAGCACTTACCTTAACTGGTAGGTGCTTTTTTCATGTCTACGCAGTGGGTAAC
TTTCAGAGGAAAATTACCCAACCAAAACAAAGGAAC TTTC

>naRXA00707
ATGAACGTGCAACGCAAAC TGCTGGCGATCGTAGGGGCTTTCATGGCAGGGTCTTTAGCC
TTGGGAACACCAACTGCACAGGCCCAAAGCATTGGCAGCAGTGCCTCACAGAGAACTGAA
GTCTTACGTGGGCTGACCTCATCTGCCGGAATACCAGATGCCACAGCGCCGGAAGGCGGG
GCAAAAGTCGTGGTCTTTGGAGATTACATGCATCAGGAACCAATGCACCAATTGATGTG
GATGAACGCGGCTGCCTCAAGGGGAACCAATCGTGGCCTGATCAATTGCAAGCACAACAA
GGATTGCAGCAGGGGAGCTCATTGACCTTTCCTGCAACGGCGCCTCCATCAACTCGACG
GGTTTCCACTTTTCCGATGAAGTTCGGCATGCAGAAGCACTAGGGGCCATTGGACCAAA
ACCGAGAACATCTTCATCCAATTTGGCAAGAATGATCAGTGGGGACACTACCAATCAAT
TTGCGCTATTCCGTGATCAACTGCCTTTTTGATGCGGCCAACGGATGCGGTGAGAAAGCT
GTAGCGGCTGGAACCATGCAGGATCCCTCCTCGGTACCGGCCGAAAAC TATGCTCAGCGG
ATGAAACCTGTCATCGACTACCTCAAGTACTACGCTCCAAATGCGCAGATCACGTTGCTG
GGATACCAGGAATACACCCACGAAGCGGAAGCGAGATTTGTGTCCGCGTGGGAGGTACG
GAACTAAGGAAACCAGACGCCACCAACCTGGTGTCTATATGAACAATCTTGAGTCGGCC

ATTTTGAAGCCTCTGAGATTCTTGACGTCCAGCATGCCAATCTCCGTGAGGCCACTGCA
GGACACAGCAGCTGCTCAGCTGAACCGTGGGTCAACGGAGTGCTGGATATGCGGGTAAAC
GCTGTAGGAGGCACCTGGCACCCATCTCCAAAGGGAGATGAAGTGACCGCGGGCCTCCTC
GGAACCTTGATG

>naRXA00707-downstream
TAACCTATCTAGAATTCTTCATAG

>naRXA00712
GCAGCAGAACCCACCACTAGAACGACTGTGCAAAGTGCTACAGAAGCCTCCACTACTGCA
CCAGTGCAATGCAATTTGGATCCCCGTACCTCGGATTTTGGGCCATATCTTGACACAATCT
CGCACCCCGGTTGGTGAGCTAGCTGGATCTGCAGATTCCGTGCTGCAGGTTCTGACTGG
TTCTATCACTTCCAAATGGGCGACAACGGCTACGATTCTGTTCAGCTCAGCTATGTG
GTTCTCAACGGTTCCAATGGAGACGCCGACGTTCTACTGGAACGGGTGCTGCGATCGCC
GACGTGGTGGTGCTGTTTATCGACGGCCATATGGTTGCTCGTCCTGCTCCTTTTGAAATG
AAGACCGTGGAAATCCGTACCCAGAGTGTGAGATTGAGAAATCCAAGTTGTTTACGGACAT
GCCGGCCGATCTACTGCCGAAGGTGTTACGGACTATTTACCTTTAACTTCTTCGTTGAC
AACGGCGTTCTTTAGGACGCGGCGATCTCCAGAACACATCGATACTCACATGCGTCTA
TATCTGCTG

>naRXA00712-downstream
TAGCCCCATCTAAAACTCTTGA

>naRXA00713-upstream
AACCACGCCTCCTGTGCGGGCCTGTCAGTAACTGTTATCGCAGGTTTCATGCGTTAAGGT
GTGGAAGACC

>naRXA00713
ATGACAAAAGTAGCGGAGCTGGACCAAGAGTGGTCCGAAGTAGATGACGCGGAATTAGAC
GCGCAAAGCGCTGGCACTTCTGATAGTTCCAGCACAGACGACTTCGCTGACGCAGAAAAC
ACTTCTGAAAATCTGGGACCCATCGGCCAGAACCACTCCCTGAACCAGATGGGGATGTT
CCGGCATCGGGTTTCCAAGTGCAGCTCGATAATTTTGAAGGTCCTTTTGACCTTCTCCTG
CAGCTGATTACCAAGAAGAACTTGATGTCACTGAAGTTGCCTTGGCCAGGTGACCGAC
GAGTTTATTGCTTACACCCGAAAACCTGGGCGAAACAGCGATTTGGATGAGACCACAGAG
TTCTTAGTGGTGGCCGCAACGCTGTTGGATCTTAAACAGCTCGCTGCTCCGCGTGGT
GAAGTCGACGATGAAGATGATCTCGAATTGCTCGAAATAAAGGATCTCCTTTTCGCCAGG
TTGTTGCAATATCGCGCTTACAAGCAAGTTGCGGAAATGTTTGCAGCAATGGCAGCGAGAT
GCTCGACGCAGGTACCCGCGCGCTGTCTCATTAGAACTCAGTTTGCCAACCTCTTGCCG
CCCGTTTCTTGGGTCATTCTTAAAAAGTTTCAGCGAGTTGGCTGCTGTGGTGTTCGT
CCGAAACCCCGAGAGACGGTGAACACAGATCAGTGCACCAAGTTGCGGTGTCAGTTCCA
GAGCAAGCGGGCAGGATTTCTTAACAGTTGAACTTGCCGGAATTGATCATTATTTGAGC
TTTCAGCTGCTCACACGTGATTGTACCGCGTCAATGGAAGTGATTGGCCGCTTCTTGCC
TTGCTGGAATTGTATAAGGCACGCGCTATTGAAACCTTGCAAGAAGAGCCACTCGGCGAG
CTTAAAGTTTCGTGGACTGGCATTGATGTGATCCAGCAGTCTGTCGCGGCGAGTGACTGG
GAG

>naRXA00713-downstream
TAATCAGTTTTTCTTAAGGAAAC

>naRXA00714-upstream
CGTCAATCAAGCTGTCAAAAAAATACAAGTTAGGTCACAAAATGATTTTCAGTCGTGAGA
ACCATCACATATAAGACATCTCATGATCTAACATTTCTTC

>naRXA00714
ATGGCTACGATTACACGCACCGACAGACTGATCCTCGTACCGCTCACTGTTGAGCTCGAA
GACGAGGCCACACGATTTACTCTGATTCTCGAATCTGGGAACACCGCCCCAGGCGCGT
CACACCAACGTGCGTGTCACGCGCGACATCATCAAGCGCACCAATGAAAGCTGGGGCAAG
AAAGACCTTGGCCCCGTTGGTGTACCTCCGTGACCGCCCATCGGAATTCGTTGGCGTT

GGTGGCGTTGAACTCATCGACGGAAAAGTATGGGACCTCAAGTACCGCCTCCGCCCCGAC
CTATGGGGCAATGGATACGCCACGGAAATCTCCAACGCCGCAACACTGGCCACCAAGCGT
ATCGACGACAGCCTCCCCTCACGGCCAGGGTGAATACCAACCACCTGCCTCATTCCGT
ATTTTGGAAAACTGGGACTCACCCCGTATGGGAAGGCCGACGAGTCGGAACGGAAGAT
GACCCCAACGAGCCTGATGTGAGAATTTATTCTGACCGTCCGCTATCGGATGAAATTCTT
GAAATGCTCAAGCAACGACCA

>naRXA00714-downstream
TAGACCAGAAAATCTCACCCCTT

>naRXA00716-upstream
AAAGCCGATTGCTTAACGCCCGCTATGATAACCACTCATGAATGATTTCGATCCAGCATT
GATTTCGCGATGAGCCTTATCCCTCAGACGAGGTCTCGG

>naRXA00716
ATGGAATCAATCTTGTGGTGGTCGATACCCAGTTTCAGCACGCACGCTGGCTGGGGTG
TTGGGCATTGACGTGCCTGCAACAGAGGCAATTTGAAGGAAATGGCCTTTGAGCTTTCT
GAACGGGGCAGCGCATTGATCTGCGGAAACGGCAGAAGGATGGCGCTATTACACCCGC
CCGAAAAATGCGGACATCGTCGAGCAATTCCTCCTCGATGGAAACCAAACCACTGTCC
CGTGACGATTTGGAACACTCGCGGTGGTGGCATATCGGCAGCCGGTCACACGCTCCAG
ATTTTCAGCAGTGCGCGGAGTAAATGTGACGGCGTCATGAGAACCTTGACGCTTCGAGGC
CTAGTCAAAGAAGTCGATGTGGACGAATCAACGGGCGCACACCGCTATGGCACAACGGAA
TTGCTGCTTGAGCTGTTGGGTATTGATTCTTTGGATAAATTACCAGATCTAGCACCGCTT
TTGCCGGATGTTGACTCCATTGATGAAGACTTC

>naRXA00716-downstream
TAAAGCATCAGTTAAAGCCCCGA

>naRXA00719-upstream
CAGATGATGCACATCGTGGACACCTCTGATATGACCATGGATCAAGTACTTGATCACC
TCATCCACCTAGTGGAAGCCTCCGCTGAAAGGAGCAACCA

>naRXA00719
GTGACTGATAAACACACCATGCCTGGTGAAGAGGACGACACCGTATTTCGTCTACCACACC
CACAAAGGCGAAATGGACGTGCAAGGTGCGTTTGCTGACGAAGAAGAACTAGCACACAC
GGCGGTTGGGCTTCCGAGATTTGACCCAGCAGAATTCGGCTACGAAGACTCTGACGAT
GACTTCGATGACAGAGGACTTTGACGAAACAGAGTTCTCCAACCTGATTTCCGCGAAGAC
TACTCTGATGAAGACTGGGAAGAAATCGAGACCGCATTCGGATTCCGACCAAGCCACCTT
GAAGAAGCTCTCTGCACGGTCGCTATCGTCGGACGCCCAAATGTTGGTAAATCAACCTTG
GTGAACCGCTTTATTGGACGTGAGAAGCAGTCGTGGAAGATTTCCCGGCGTAACCCGT
GACCGCATCTCTACATCTCTGACTGGGGTGGACACCGTTTCTGGGTTTCAGGACACAGGC
GGATGGGATCCTAACGTCAAGGGCATCCACGCATCGATCGCACAGCAAGCAGAAGTTGCT
ATGAGCACTGCCGATGTCATCGTATTTCGTCGGACACCAAGGTGGGCATCACCGAACT
GACTCAGTGATGGCAGCAAACTGTTGCGCTCGGAAGTGCCAGTGATCTTGGTTGCGAAC
AAATTGACTCCGACAGCCAGTGGGCTGACATGGCTGAGTTCTACAGCCTCGCCTTGGC
GATCCATACCCAGTTTCAGCCAGCATGGACGTGGTGGCGCTGACGTTTTGGACAAAGTC
CTTGAACCTTCTCCAGAAGAGCCTCGCTCCAAGTCCATCGTGGAAGGCCCTCGTCGTGTC
GCCCTTGTGGGTAAAGCCAAACGTGGGTAAGTCTTCACTGCTCAACAAGTTTGCTGGCGAG
ACCCGCTCTGCTGGACAATGTTGCAGGAACACCGTTGACCCCGTTGACTCCCTGATT
CAGCTGGATCAAAAACGTGGAAATTCGTGGATACTGCTGGTCTTCGCAAAAAGGTCAAG
ACTGCATCTGGCCACGAGTACTACGCATCACTGCGTACCCACGGTGCCATCGATGCAGCT
GAGCTGTGTGTTTTGCTTATCGATTCTCCGAACCCATCACCGAGCAGGATCAGCGCGTG
CTCGCAATGATCACCGATGCCGGTAAGGCACTGGTTATTGCGTTCAACAAGTGGGATCTC
ATGGATGAAGATCGCCGCATCGATTTGGATCGCGAAGTTGATCTCCAGTTGGCACACGTG
CCTTGGGCAAAGCGCATCAACATCTCCGCCAAAACCGGTGCTGCACTGCAGCGCCTCGAG
CCAGCAATGTTGGAAGCGCTCGACAACCTGGGATCGCCGTATCTCCACTGGTCAGCTGAAC
ACCTGGCTGCGTGAAGCAATTGCTGCGAACCACCAACCAATGCGTGGCGGACGTTTGCT
CGAGTGCTGTTTGCCACCCAGGCATCTACTCAGCCACCAAGTATCGTACTGTTCAACACC
GGCTTCTCGAAGCAGGTTACCGACGATACCTGGAGCGCAAGTTCCGTGAACGTTTCGGC

TTTGAAGGCACTCCAGTGCGAATCGCTGTGCGTGTTCGCGAGCGCCGCGGCAAGGGCGGA
ACAAGCAG

>naRXA00719-downstream
TAAAGCTTGATTTTCCCTAAAAG

>naRXA00720-upstream
CTGATCTATACGTCTGTTGAAGTAGAGAAGCTTTCTGGTCAAGTTCCTTGAGTATGGTG
GTCGAAGACCAGCACTCCAGATTCAAGGAACCTTATAAAAC

>naRXA00720
ATGGCATCACCGCGCCGCCACAGGTTGCAGCACCACGCATCAAAGAACTTCGCCTAACA
GGCCTTGACAACGCTGACCCTCAAGACATCGAATCGAATGAGCAGATAGAGTCATGCCGT
TTTAACGAGGCCGAGCTTTCCGAACGCGATCTTTCTGGTGCTGGTTTCATTGAATGTGAA
TTCCTTGGGCTGGAAGCACACGAAACCGAGCTACGCCGGGCTCAATTCGTGGAAACACGC
ATCGAAAGAGCCAATGCTCCATCTTTTAAGGCAGCCGCTCCATCTGGCGCAACGCAACG
ATTTCCGACTCCCGCTTTGGTGCCGTCGAAATGTATGAAGCAACCGTCCAAGCTTTGAAA
ATCTCTGATTCTAAGCTGTGCTTTGTCAATCTGCGGGGTGCATCGTTACGGGATGTGCTC
TTTGAGAACTGTGTCATCGACGAGCTTGATCTTGCCCAAGCCAGAGCAGAACGCATCGCT
TTTAAAGACTGCACGCTGCATTGCTCACCTTTGATCATGCCGTGCTCAGCAATGTGGAT
CTTCGCGGTTTAGATATCGAGCGCATCAGTGGCGTGGAGTCCATGTCCGGAACCGTGATC
TCATCCCTGCAGGCTGCTGACCTGTGCGGAGCATTTCACGGCATTAGGAATTACTGTA
AACGAT

>naRXA00720-downstream
TAGAAATCCGCTCTTTTGAACAA

>naRXA00722-upstream
CCCCCCCCGGTGATC

>naRXA00722
TTGCTGCCCAACGGTCTTTTGACCAAGCGTGAGCTGGTTTCCATTGAGCGTTCCAGCCAT
GCTTTTGAGCAAAGTGTGGTTATTTTGCTACTGCCACGTTGGTTGCAGGCTTGCAGCG
GTGTCCGTTTCATGAGCCAGCGCAACCCCTGGCGGTGGATTCCATGCCATGGCAGAGGCC
GCCGTTTCATGCGCACGGCCACGATCCGCGCCGCCACCAGCGCCGCGCTCAGCCAGGCC
GGCGCATGCTCCAAGGGTGATCTATTAAGCTTCATCGCCCCGAGATAGCTCTGGTCTCC
GAGGAGCTCAACGACGCGCTATCGCGCACCGCTTTAAGGCTTCTCGACGGCTCCAGCGAG
CAAATTACCTTTCTCATAGCGCAAGACCGTCAGTCCGCCTTCGACGAAGATGTTTTCCGC
CGTGGCCTGGGAACCTCACACGGATGTGGAGATCACGGTCTATCCTGCTACTGGAATGGAG
AATCTGGTAGAGATCGGAGTGGAG

>naRXA00722-downstream
TAGCCACATGTTGGGTGGCATG

>naRXA00724
ATCGGTGAGGAAGTCTCGCCGGACGCCAAGCCTATGTGGTGTGTCCGCGCATTGAAGGC
GAAGGCGGCGTGTGGAAATCCACGCCTATCTTTCCGAACAGGTATATCCAGGATTGAAT
GTTGGAATGCTGCACGGTCGCATGGACACGGATCTCAAAGATTCCGTCATGCAGGAATTC
GCCCCAAGGTGAGATCGATATTTTGGTCGCCACCACGGTCATTGAGGTCGGTATTGACGTT
GCCAACGCCACCGTCATGCTCATCCGCGAGGCGGAACGCTTCGGCGTTTCCAGATCCAC
CAGCTGCGCGGCCGTGTTGGCCGTGGGCAGCACGATTCCCTCTGCCTGCTGCACACCACC
TTCGACGAGGACTCCCCACAAGGCCAACGCCTCGCCGCAATTTCCACCACAACCGACGGT
TTTCAACTCTCTGAACCTGATTTGCAGGTACGCCAAGAAGGCGACGTGTTGGGCACCCGC
CAGTCCGGCAGCGACACCAAACTCCGTACCTCTCGTTTATCAGCGACCAAAAAATCATC
GAGCGTGCGCTTATCGACGCCACCGAGCTGGTTGCCGCCAGCCGTTCCAGGGCGCTTGAG
CTGGTCAGCGACATCGCAATGATCAACCAGGAATACCTGGAAAAGAGC

>naRXA00724-downstream
TGATATTGATAGGGTTAAGTCA

>naRXA00726

CACGAAATGGGCTTCGCCCACGAAGTCGCCGACCAGGTCTGTTCATGGCCGATGGAGTT
GTCGTTGAAGCCGGAACCCCGAACAAGTTCTGGACAATCCAAAGGAACAGCGCACCAAA
GACTTCCTGTCTTCTCTGCTC

>naRXA00726-downstream

TAACCTTTTCGGGTCTTAAAAA

>naRXA00729

ACAGTTGTTGAGGACTACCAAGAGTTCACTCGCGGTCTGTTTCCTTGGAAATGGTTGCCGTG
TCTATCCTTGTTCGTTGGGAATGATGGATATGCGGGATGCCAAGAAGCGCCTCGCAATC
GTCATCCCGCTATTTATAATCTGCGCCATGCTGGGATTCTTTGGAACATCCTTCACTAGT
GCGCCTCGCACCGATCCTTCACTGATCTTTGTCTTCATCTGTGCTGCGATCGCTGTGTGT
GCTCTTGTCTTCTCCTGGTGTTCAGGATCATTCTTCTTGTGCGCGGTGCGTATGTACGCG
CCAATCATGGAATCTCTGTCCAACCGTGACTTGTGCGTCATCGGCGTGTCTTGTCTTGGC
GCGCTCACCGGTGTGATCTTGTGTGTAAGGTTTGTCTTATGTTCTCGAGCACCACCGC
ACCATCACGCTGACCATCATGGCTGGTCTCATGCTGGGTCACTTCGTGCGCTGTGGCCT
TGGCAGGACGGTGACGCTAATCTACTTGCTCCTGGCGATAACGCCGTGATGATTTTCAGC
ATCATCATCTTGGTGGCGCGATTGTGCTGCTTTGATGTTTGCTGAGCGTGTGTCTTCC
AAGAACATTGATTCTGAGACCGTGGCAGAAGAGCACCCGCGC

>naRXA00729-downstream

TAAATAAGAACTCCACAAAGAAA

>naRXA00730

CACCTTGTGTTGATTCCAAAAGCAGCTTCAACAGGCAGATCCAAATGCAGAATATGATCTC
GATGTGCTCGCATTTGATATCGCACGCGTAGCCAACCTCCTTCGCTGGGCTGCTTATACA
GATCTGTTGCTCCCTGCAGAAGCCCGTTGGTTCCAAGACCAGCTGGGAATTGCGGCTGCT
GTGTCTTTTGGGAGCTGGGAAGAATACGGAGAGCGATACGTCGGTGGACTACAGAAGAAC
TTCAAGGGCGGAACAAGCCATATATCGAAGGAGAACGCTGGCTCAACACTGAGGCTGAA
AGTCCATGGAAGACCCAAAAGTGATTAGCGCC

>naRXA00730-downstream

TAACTGCTCATGAGCTAAGCGGC

>naRXA00731

TTATTATTTCGCTCTGAGATGGCTGGGCAGGTCCCTGCGTTTCGCACCGTTAAGCCTGCTC
ATGATCGTTGTATGCGGGGTTTGAAGGAAGTGTTCGCGCCGAAGATCCCGCAAATAGC
TCTTTGGTAGACAACCTTGGGCTCACCTGCCGTGGTCTCTTAATGATCCGCATTTTCTC
ACCGCAGGGTTTAGCGCTTCCACCACACAGCAGCGCTCATGTCCACGTTGTGGATCATC
GTGTTTGGCGGTGCCCTCTGAACGGATTCTGGGCAGCCTCAAATTCGCGATCACAGCAGCG
CTTATCCACATCACTTCCATTCCGCTGGGCATCGGCATCGCCACCTCATCGAAGAAGCC
GATCTCAACCGCTGGGGCAACAACATGTTGGCCGATGTGCTGCTCACCCAGATTTCTGG
GTCTTCGGCGTCGCCGCTTTCGCATCCGCCTCCATGCCACTGCTCTGGCGACGGCGCACC
CGATTGTTCTCTTTACTATCACCTTGACGCTGCTGCTTTATACGGGCACGCTTGCCGAC
GTCACCATGTCTACCGCGACCATCATCGGCACCGTTGCCGGCGAGTTGAACAGGCATCGG
AAAACCCCGAGTGGCGCTGGCTTCCCGTTCCCTCACCGTGCGTGAAGCGCGCATTATG
ACGGCCATTTTGGTCACTGCCGTAGCAGCAGGTCCAGTGCTTGTGCGCTTAATCCACTC
ACCCACGGCCCTTTTCCAGTGCAACGAAATTGATCTGGCAGCCCTTGTCACTGAAGAA
CACATGCATCACCTCTGCCACACAGACAGCACCTCTGATGCATGCCAAGGTGCGCTTGAT
CAGCTCCAACAGCACGGTGTGGCCCTTCCGTTGCCAACCTGATTCCACTGATCCTCACC
GTGGTCTTGGATGGGGCTTAGCCGCGGACGTCGACTTGATGGATTTTGGCGGTTTGTG
GCCCAGCTCATTTCCATCGCAGTGTTGATGTTCCAGCTGACCAAATATCGGCTGATTC
ACCGATCTTCTATGGTCAGTCAATGCCTTTAGCGTGATCGTTCCTTGGCTGGTGGCGCTC
GCCGCTTGGTGTTCCTCCGCGGTGCATTCCAGGTGAAGATTGATACCACCCGGATTCTT
AAATCCTTAGGCGCTCTCATGGTTACATGGTTGGCAACGGCAGCATTGTGGATCCTTGCC

ACATTGTTCTGCCACACGCATTCCACCCACATCCAACATTGGGGCTGGCTTCAAAGAA
CTCCCCCTCCGCTATCTCCCACTATCGAAACGGTGTTAAGCCATCAACTCTTCCCC
AGAAGCCCTGCTGGGTGGGCAGTGTGTAATGGACTGGAACGCTATTCTGGCTGGTCGTA
GCAGCAACTCTTTATCATCTGCTCATGGGTGTGCCCAGCAACAAAGCGCACGAGGACCAA
GAAAACGCAGCGACTCTCCTGCGCTCTGGCAGCGCGATCACTTGTCTGGATGACCATT
TGGGGTGGCAATACGTATTGGTGGGCACCAGAAAATGCAGGATATGTGGCCTACCGCGTG
AAAAGGGGCATCGCAATTACATTGGGTGAGCCTATTCTGGGTCCGGATTCTCCGTCTCT
AAAGCAGAGCTGGCCGCACAGTTTGAAGAATTTGCCAGCAACCAAGGCTGGATTGTTGCG
TGGTATTCCGTTTGTGAAGAATTCTCAAAGGAACGCATCAACGCTGGCCACCACACACTT
CGTGTGGCTGAGGAAGCAGTCTTAAGCTCAGCTAATGCGGATTTCAAAGGTAAGCACTTC
CAAAATGTCCGCACCGCCCGAAACCGCGCGCCAAAGAGGGCGTAAGTTCCATCTGGACA
ACCTGGGCTGATTGAGTGCCGAAATGCAGCACAAGATCATCACGCTGTGGAAGAATGG
GTCTCTGATAAAGCTCTGCCGGAGATGGGCTTCACGCTTGGCACTGTCAACGAGCTCTCA
GATCCAGATACCTATCTTCTCTCGCGATTGATGAGGAAGAGCATCTGCACGGTGTGACC
AGTTGGTTGCCGCTATGAAAAAGGACGCATCGTCGGCTACACACTTGATGTGATGCGC
CGTAGTCCGCAAGGCTTTAAATCTGTCTCAGTTCCTATTCCGAGGCCGTGCTTATC
GCAAGGGATCAGATCTGGAATGGATGTCGATGTCCGGCGCTCCTTTGAGTACGCCCCCA
GGTGTGGCCGACGACGGCACCATCGGACAAATTTGGAGCTTTTGGGCCGAGCAATGGAG
CCGTTCTACGGTTCCGTTCCCTCGCTGCGTCCAAGAACAAATTCACCCAGAACACCAC
GGTTGGTACTTGTGTTACCGCGATGAATTATCGTTACCAAGCATTGGCCTTGCCGTTGCT
GCCTGCTACCTCAACGAGTTTCCGCTGCCGAATTGGCTGAAAAGACCGCCACTTCCGCC
CCAAGCCACAGC

>naRXA00731-downstream
TAGAAAAACGCGTAACCTTGGTG

>naRXA00738-upstream
CATGCCCCTATTAGACGGATGGCTTTTTTGATTTTGGGCGCGATATGCGGCCCGGTGAGC
GCCGGTCGTATGGCACT

>naRXA00738
TTGCTTAACGACGCCACGACGCGAGGTGTGCGACATCCTCGGCAATGCCTTCACCCGATCT
GGGCTCAACGCTAGTACGCGAATCTTTATGGTCAAGCGTTGGTGGGCATGGTGTGATG
ACGCGCAATGGTGGTTGGATGAGCGCACTCCGCCGAAGGAAGAAGTTGCCGCACATATT
GTTAATCTTTGTTGGAATGGTTTGACGGGGATGGAAGCCGATCCGAAGTTAACTCCCATC
AGTTCTGCTGAGGGTGCATTTTTTGGTCAAGAAAAGGAGAGTGAAGCG

>naRXA00738-downstream
TGACACCTATGCTCGCGGGGCTG

>naRXA00739-upstream
TTAAAGTTTCTATATTCCATTCTAAATAACTTTGAATTGGGGATTAATGAACTTTTTTA
AGCAATTGTTTAAACGAATATTGAGGGGGTGGCGGGCAA

>naRXA00739
GTGACTGCGACAGTTTTAGAACCGCAACCTGTACAGCTTAGTGAGCAGGACGTAGATGCT
GAGATTGCGCGCATGGAGCTTAAACACAACCGACACAAGACGTGGCGACGCCGAACGATG
GCTGTTGTCTGACGCTCTTGATCTCAGTGGGTTTGGTGGCTTTGGTAACAAG
GAACGTGAAGCTAATGCTTTGCCAGCGCTATTATTGCCAGGTTGTGGTGTCTATGGGC
GAGGTTGCCCTTTGAAGCGATTTGTCCAGTGATGGTGACACCGAGATGCTTCTTAAGTGC
ATCACCGAAGACTTAGGTGAAATGCACATTATCGAGAAGTGTCTCGAAGCAGAAGATGTC
TTGAAGTGCTTCTACGATGCGAAAAACGAAGAGCAACGTAAAGAACAGAACCTTGATAAA
GCCCCTGATTACTCCATGTACCGTATGGCCTCTGCGATGGCATCGTTCTATGGCAATGGT
CGGGCAGCTACTGCCGTTGTAGAGGAAGGCGGACCGAACGAGTTCCTCGATTCTGAGGAC
GCCGGTCTTAAGGTGTGGGAGGGCATTCTCAGTAAGGCCGCCAACGAGGCAATGTCCTT
GGTTATGCTGACGCGAAACACAACGAGGACTCTGGTTGGTTCTTTGGTAATGGTGTGGC
AACAACGAGAAACGTAACCTATGATTCTCTAGCTGATCATGCCTTTCAAGGGCCTTAT
CACTTTGCATTATTTGGCGCGACACTGAGTGGCTTAGGCTTTGATAGCTCAAAGGCGGAG
GATTCGACAGTATTTGCTCAGCGTAAGGGCATG

>naRXA00740-upstream
GTTATAAATATTAAAGTACGCTAACCATGGGTGCAGGGGAGACTTCTACAGCAGTCATG
GTCCACACCACGACTGCTGTATATATTAAGGACGTAACCTC

>naRXA00740
ATGTTGAAGAATAAACTCTTGCGCTGCTGGCTGTCAGTACGCTGATGTTTGGCTTATCT
GCTTGCTCTAGTGATGCTGACGGCCCGACAGTAGCGGTGCTAGTAGTAGCAGTACTGGC
TCATCTTCTGCATCGGCTGACACAACAGATTCTGCAGCTGTTGATAAGGATGCTCAATTA
GACACCTTTATGCGTTCTGCTGTGGCTGATGGATCATCTGCTGCTGTGGCTGTGGACAAC
GCTGTAGGTAAGGGCTTTGATAAAGCTGATGCGCAGGCGGCTGCGGAGCGCTTGGGTGAT
GGTTTCCAATTTCGCTGCGGATTACCAGGCTGTGGCTATTTGGAATCTTGGTACTTTGGT
GGCGCGGAAGCGAGAAGCTTGACGAGGTGCGTAGTGATGTCATCGCTCATTGTCTGAA
TTGGGATTTACAGATTTAGAGGCTGAATCCTCGGCATCTCGTATTACATTAGGTGATTAC
TGTGATGGGGTCCCTGAGTATTGTGAGTTGTTTTTGTATGGCGAATCTCCTGACTTGTAT
GACATGGGTACGGAGCTTGACTCGTATAAGCCCACTGAA

>naRXA00740-downstream
TAAAGCTATTTCACTTAAAGCAC

>naRXA00741-upstream
TGGTGATCACTAGGTCCACCTCGTCTTGATGGTGGTCACCTCAGTCCAGAACGCATTGA
TTGACACCGATCAAAATGTTTGATGGATTATGATATTTAGC

>naRXA00741
ATGACTGATTCTCTGCTTGTATCCATCAGAAAAGGCTTAATAGAAGAGCGTCCATTAACG
GAGCTTCTTCGGGCGTGATCTTCTTGGAAAGTATACTAACTCGGACTCTTTACAAGAG
TGGGCGAAAAATGAATTAATGGTTATGGCTCCATTGATGGTATTCCGGAATATCGCAAA
TTGAAAGGACCTCCTGTATTTCGCGAAAATTCAAGCTGGTAATTCAATAATGTCTAATATG
GTACTGGGGCCACATAATGTTCTGAAAGAGCTCGTAAGTATTTCCCTGAAGAGCTGCAT
TTTGATCAGCCGATTCAAACGCTAATTGAATGGTCGACTAGGCAGGATGGGATTAATTTA
TCGCCCCCGAATTTACTTCGGGTCCGCGATCTTCATAATGATCAGTACGCGCCATTAAAT
CAAATTTTGAATTTAAATGTTTACTTAGATAAATCTTATTTTTTCGGGAATTGTGGACCGC
ATCCGAACCTAATGACTTCCATGATTGCCGACCTCACACACGCAACTCCTCTGGATGAA
CTACCAAGCAGCGAAAAGGTTAATGCCACGGTCATGAAGCACATTGAAAATAACTACGAA
ACTACAATCACTCAAGCCAATGGAGCTGTAGCCATTGGTAACAGCGCTAAAGCTGTGCAG
AAGGGATTGTCCGTGGATGACCTACTGAAGATTATGCAGACCATTAACTCTGAAAAGTTC
GACTTAGGGGAAGCTAGAGCTGAAGCCGAAGAAAGCATTCAATCCATCGCGGATGAGTTG
AAGAAGGAGTCTCCGAATAAAGGTTTTATCCAGAATGCTTTTTGAAAAGTTGAAGGAACTC
AGCATAAAAGCCGGCGATAAAGCCTTCACTACAATGTTAAATCTTGTAGGTAAACAGATA
ATCGAAAACATCCCACTGTTTCCAGGTGGC

>naRXA00741-downstream
TAGAGAAATTCAGGCCGTCAGC

>naRXA00742-upstream
AGAGGGGTTTTTTAGTGAAAATGATAAAACCACTTTTACAGATGGACACATAGATATTAG
TAATGATGCTTCTGGAGCTAAGCGTAGCTTTGGGGGTCGG

>naRXA00742
GTGAATGTTTCAGATTAAAGGGCGAAAGGTTAATGCCAAGGCTGCCGACTTAAATAGCTAT
CCGGTCTCAGTAGTTGATCTACGAGGCTTCGTGACACTGGCTGGTCTCTTATTTTTTGTG
GTTGATATTGATAAGAAATCAAATAAGAAATATCCAAAGTATGTTCTTTTGAAACCGTTT
TATATTCATGATCTACTGAGTAAAGCGAAGCCGGGCCAAAAGACAATTAGCGTCCGCTTA
AAACGGTTACCATCTGATGAAGATCGAATGGAAGCCATAATCGCATTAGCGCTCGCATCG
AGGCAAGAAAAGATAGTCGAGAACCCAGTAATCTCTATGAAAATATGGAATCAATT
ACTGTTAAATCGGCTGAACCCCTTAATAGGGATAAGCTGGCTGTATATGATGGTAGTTCCG
CCAGACCATTGATCATTATTCTGACTGGGGATGGAATTGAACAGTTCGTCAATGCCACC

GTAGAAATAATACCCCGAATATGCAGTTTCATCAAGCCAATTATAATGTTTCGTGTAAT
 GGGGTCGTCTATGACAATGTTTTGCATCGAAACATTGATGATGAGCACATTGAATTGAAA
 ATCGGAAAGGGGATTACTCTCCGCTACAAAAGCTCGCCATTGATGCTCCGGGGAGCGTT
 ACGGTTGAGTTTCAAGATAGTCTTCCTGAACGGTTAAAAGACATTGAGTTCTTCCTAGGA
 GTGCTTCAGGCGAATACGTTTTTTATTAATGAAGAACCTGTTGTGTTGAAGATTAACCTG
 AACCGGACTGTGGCTGACCTTAAGGATGAAGCGGGTGTTCCTTCGTGAGTTGGTAGAAATA
 GCTAACCATTTCATATTGATCCGTCCCTTATTCGAATTGGTGAGATTACAGAAAAACAG
 TTCTGGCAGTTGGATATTGTGTATCGAACAGCCGTTAAGGGAGAATACGTAAAGAATTTA
 GAGGTTAAAGATGAGACTAGACTTATATTGCAGCCTTTTGGTCGTTGGAATCTTGCCTTG
 ATAGCTCACCTGGTGATGTTGCAGGGGAGTGGACTTATCATGAAGTAATTTCCAAGCGT
 CATCATTTTGTATGACACCTTCAACGGATCGGAGCGACTCCTCAATCGAGCGAGTGACG
 CCGTACGAGCTCATGATAATCGATGGCTTCCATCAGTATTGAATCTGCATTTGGATAAG
 CTTGTTGATTTCTATTACGCGCTTGAAGAACTGTTGATGTTGATAATCTCGCCACATGG
 ATGGTGCTTCGCCAATTAAGGCAGCTGATTCTGAGCAGAGCAGGAAACTGCATTTCTT
 ATAGCAGCTCAAGCTCTCAATGATTGGCTCGTGAACGAGATCGAGAAGAGTCGCCAATT
 TACAGGCTTAATGTTGGCAAATTTTGTATCGCCAACTGGATTACTGGATTACAAAGA
 ACAGAAATTCGATCTTTTAGGCATAATCTTGATCAAACAATGCACCCAGACAATATAGC
 GAGATTATGATTGGTTGCGCTTTGCTTCTTGACGATAGAGAAGAGGCGAATTTTTTGCTT
 ACTCAGCTTTTCGGTTGATCGACGCGCAGTTTTTAATGAATGGCCGATAGCTCAATTGATG
 ACGGGTGCCCTAAAAGAAGAGATTGAAAAA

>naRXA00742-downstream
 TGAGTTCTGAGATCTTGATTTAA

>naRXA00743-upstream
 ATTTTGGCGTAGTGTTCGCGGTTTTATAGGTTGAGATTGAAATACCAAGACAAGGATGGA
 CATCATGTCAGCGCATCTACCTTCTCATCATGATGAGTTA

>naRXA00743
 GTGCAGCACTTAGTTCTTGCGGATGTAAAGTATCGGGAGCTCAGTGCGTTATCGGTCAAA
 ATTGAGGAACCATCAGATCGTCTGAGTTTAACTTGGAGTTACTGTTAACGACAAGAGT
 AAAGACGAAGAAGGTGTGCCGGAATCATTGAGGTTTATTGAGGGTGTCATCGAGGTT
 CCCGACGGAAAGATAACGGTAGAGCCTGAAGCAATCTATTGATTCTTGAGAATAAGGTT
 TATTTAACGGAATCTGATGAATAACGGTGATTATTTTAAACAACATGCGATTTTACTCTG
 GTGCCATATGCACGACAGGCCGTGTCTGATTTAGGGCAGCGTGATTCACACGCGAGATC
 CTCATGCCTGCGTTAGGTCCTGGTGATTGGTTTTTAGTAAATCGACGGCCTCACGAGAA
 TGG

>naRXA00743-downstream
 TAGAGAATTACCTGATAGTTGCA

>naRXA00745-upstream
 TTTGACGTGGGATGGCCACACCGGTGACGGGGTCAATGTGCAGAATCTGTGCAGTGGTGA
 GTTCAGCATGTTTTCCGCATCAGATAACGCGGTGGGCGA

>naRXA00745
 GTGGCTTATCTGTACGGATCTGCCGATGGGATGCTTAATACAGATGGTTTTAATATGTTT
 CCGCGTGCGTCGTACACCATCTTGCCCTATGGATGCTGACGCGGTGCGTGTGTACCAA
 CAGCTACTGAACAGCACGATTTCCCATGGATTTGGCACGTCTTGTAACCACGCATAATTCC
 GGTGCAAGTTATCTTCGCCGCGGTGCTACCAACGTAGTTTTTGAACGAATCTTGCCCTC
 GGTGTGAATCCGTATATGAAGAAACGCCGAGCAACAGAAGCAACGTGGTAAGAAGCGT
 TTTAAACGAGACAGTCATTACGGCGGTGGCACTGTGACCACAGGTAAGTGTGATTTGGAT
 GTGGTGGCGATGCAGGCGCGGCAGAGCACCGGGAAGAAAGGTTGGGAGAAAAATCTACC
 CGCAAGAAAGAGGAGCTTGCTGCAGTAGAGGCGAAAGAGTTAGCTGCGAAGAAGGGTCCG
 CAGACTGTGGAAGAAGGTCTTGCTGCGGTGGAGAAGAAACACCTGGCGAAGCGG

>naRXA00745-downstream
 TAGGCGACGTGGTTGGCGGTGGG

>naRXA00746-upstream

AAACTACGTTGGTAGCACCGCGGCGAAGATAACTTGCACCGGAATTATGCGTGGTTACAA
GACGTGCCAAATCCATGGGAATCGTGCTGTTTCAGTAGCTG

>naRXA00746

TTGGTACACACCGACCGCGTCAGCATCCATAGGGCCAAGAATGGTGTACGACGCACGCGG
AAACATATTAAAACCATCTGTATTAAGCATCCCATCGGCAGATCCGTACAGATAAGCCAC
TCGCCCACCGCGTTATCTGATGCGGAAAACAATGCTGAACTCACCCTGCACAGATTCTG
CACATTGACCCCGTCACCGGTGTGGCCATCCCACGTCAAAACATTCTGCTGGGTGAGGAT
TTTCAGACTATGGCCAGCTCTTTTAGTCAAATCCGCCATGGATGGGGTATCAGCCAGCTC
ATCGGACAAGACCCCAACAGAAACCAACCAATCCGCTCTGCTGATACGTGGACAGTGACT
GGATCGACTGGACTCACCAGCTTTAATACTGCTACGCATAATACAGATGACACAGACGCC
ACTGCCGCATATACCATGCCGGAAGCGATCCTGCCGTAGGACTATGCGCACTGGAATCC
AACAAAGACGCACCGGTGGATGAATTTCCGCGATCTCAGCCTCAGTGCTTTACGTACCGCT
ACGGTCATGTCAAGCTCTGGCTCCGCCGTGATTACTATGCATGATCCTATGGTCATGAGC
ACCACTGGCGCATTGGAAGCACGTGCATACGTTGACGGCGAAGTCATCAACCAGCAGAT
CTTGACTCACTGCGTGACCAGCTAGGTATTACTACAGACAGCGCAGATACCACCCCTGCC
CTACCTGCTGATCCCTTGGCAGCATTGGGCTTGAGCACACCAACTACATCAGCTCTTGTC
CCAGGTCTTGCCGAGCTGGACTGCCTCAACACTGATCAAGCTCGCACCTGGCATGACCGT
GACAACAGCATTTGGCACTGGTAAACAGCTATTCTTGCCGTGATTAACGCCGAGCTCGCT
GATGATTACACCTGCAGATCCTCAAAAATAGCACTGCGACCCCCACCGACTCCACCGAC
TCCAGCGATACTGCTGAACGCTTCGTAGCGCAGCTACCTGCGGAAACAGCCTTTGTGCTT
ATTGATCCGGACATCGGCGCTGTGACCGATCTGTTCTTTATCAACAGCATAAAACAGGAT
CTCCCGCACCGACAACCCAGATCAACTCAGTAGCGGTAGATCAACGTGACCCCAACATC
ATCTACGCGACCTTTGCCAATGATGACCGCGTGTACCAGCTCATGCTGGGT

>naRXA00746-downstream

TAACCGCGACCCGTTTTTATCTG

>naRXA00747-upstream

TGTGCTGATCCGCGCCGTGCCAACTCGCACTGGGTGCGACTGGGTGCGACAACCGCATAC
ACATACACACAATTAATCACCCCTCAACACGAAGATTTATC

>naRXA00747

ATGACATTTTTGCACCGTTCCGCCAGTTTCCACCCTCGTACCCACGATCACCTCAGCGAG
CTCGGTCTTGATCCTTATAAGCTCTCTCAAGACATCCCCACTGTTATTTATGAAGTCCAG
CCGCACAGTGTTGTTCAATTTAAAATTCAACACTGCCGATGTTCCGGGTCTATCAGGAACAC
TCCGATCTCTTTGTGCGACATGCTGTGCTTGTGATCCAGAACAGCGTAAACATGAGCAT
GACCAGCTCCTTAAAGAGATTCTCGACCTCGATGCCCTCGTGTCAACGATGATATTAGT
GGTCGCACGACAGTGTTTCTCCACGATAAAACAGTTGTTACGCACAGTGGTGGCCCAT
GCGATTATTCCGCACAATCCCGATGTGCGCAGCGCGCTGCGTCAGCTAATAAACACAAA
CAATCTGTGATGACAACATCCAGGCATCCTTATGCGCAGATGTCTCTCAGCGACATGCTG
AAACAAGGCTTCACGCTCACACCTCTAGAGTTCCCTACTGCGCTGTTGATGACCCCGAC
AGCTCACGCCACACAATGCACGTCATCAACGTTTCGAGATCATAACGTG

>naRXA00747-downstream

TGAATACCGCGCCGCTAGAGAT

>naRXA00748-upstream

AAGCCTTATTCTCCTCTTAACCTACCATGAGGTAACCATCTAAAGTAGATGGTTGCAACAA
CTTTTCATTACATCAACATGTTTAAAAAGGACACTGATT

>naRXA00748

ATGACTTACTTCGCACTCGTTGCTCGCAATTACGCTGAGACAGGTGTCTCTGTTGAATTC
CATGAGGTGATGATGACGCAGATAACTCAAATGGCCCCAACAACACAAGCAATTTACCT
CTAAACTTCTTCGAGATCACTCTTTTGATGCCACTGTTGTCTATGGTGACCTGGTGCTT
CACACCTCAGCACATCTCAGAGATACGGCTATCGCCAACTCAGACAACCGTCCGCGAGTA
GTGACCACAGCTCAAAAATCTTTGATTACATCCGCTTAGCCACCAGACACGGTGCTATC

CACGACATGATCAATAACGCGCCAGATACCGGCACTGACATCGTTGTTATTACGGCCACT
AATGATGCTCTTATTAGTGATGAATCAGAATACTATGACGAGCTTTTTCATATTCTCGAA
TCCGCACAGGGTGTGATTCTTAAA

>naRXA00748-downstream
TGATTGATTAAATGATATGATTA

>naRXA00749-upstream
CGTTTCGATCATTGTAACTTCTTATTACAAGACTGGAAATAAAGGTGAGTCAATCATA
CAGTCAGATGTGGTCATCGGCAAAACAGAAAGGAATCCCG

>naRXA00749
ATGTTACGAAAAACAGTTACCGGTGGAATTGTTGCTCTTATTGCGACTGCCACTCTCATG
AATTCTGTCTCTTCTGCTGAAGAGGTATCCGGAGATGTCTCAGCAGTAGATCTCGCATT
GCAGAAATTCGAACGTACAACCTGCAGAGGACGTGGCCAATGGAGTGCCAGAGGCTATAGCT
AATGCAGAAAAAATTTCCAATTTCACTCCGAGCGAACTAGAGGGCTTCAAGAGTCTTTTA
GCTAGTGATGCAGTGCTGAGGTCTGCTGGAAGAATTTCTCCAGATAATGTTGAA
GTGGTTCAGACGGACAACGTAGGCGACGAAGATCCAAATGTCATTTCTCCAGCAGCCTGG
CAGGGTTCTGATTATATTGAGGGGTGTTTAAACGAATACTCTCTACGGAATTGAAGTCTTA
AAGGTTTGTACTGGTGGAACCTACTACTCCAATGTAGGAATCGCTACTTCTGTGCAAGT
CCTCGCAGTTACGTAAAGTATAACAGTGCTCCAGGATTGGCAGTGACGACAAGCAATCCA
CGTGGAGGTATAGAGGGTGGTCTTGCAGGCTTCTATGGTGATGTTAACCTTGTGCTTTT
CCAAATATTCCATGGGTGGGACCAATTAGTTCTTCTGCAGGAACCTACCGCGTTGTGCT
AGATCATTTCCGAATTCAGTGGTGCTTAACGTCTACTAC

>naRXA00749-downstream
TAATCGTTTTTTAGTTTGAAACA

>naRXA00750-upstream
TTTAAACAAAAGCGATAACAATGAACCGATGGTGTCTACGACAGAACCGACTCCCCACC
CACTAACACCCCACCAGAAAATAACACCTCGACCGAACCT

>naRXA00750
ATGGACTGGTCGATCATTATTAATGTGCTTGCCGTTGCTACTGTCTGTGATACTCACCCCT
ATCATCGCAGCTGCATTATATAGGGGTTTACACGCAACAAAATAAAAAAAGTGAAGCT
ATACGAGAAGCCAGCAACACGAACGCGACAATCCCACTATCCGCATTGCTGATCTTCGC
GGCATCATGGATACTCAACCACTACATCTACACCGACGTCATGGTTACACGTGCACATGAA
CTCATGATTACTGCACCCGATCTTTTGATGTCACTCTCCCCGAAGCAGTGCTCTACGAA
GATACTAAACGTGCTGCTCATGATGCCCTTAACGGCTATAAAGACACCACTGTGCTAGT
GCAGAGAAGATCATGCTTGATAGATGCAGTCACCGCAGCATGGACTCTCTATCCACAAAA
GCAACACCGGATCCACG

>naRXA00750-downstream
TGATCCGAGAGCCGAGTACCGCT

>naRXA00751-upstream
CGCAGCAACCCCGTCCATGAGGGCAGGGAACGCCACACATCCTGTACCTATACTGTGAGG
TGGCATAGAGTATCTCTAATTTAGAAAGTGGTGTAGAAGT

>naRXA00751
ATGTTGGTACGTTACGCACGTTGGTTACCGCTGCACTGTCATGTTCACTGTTGTTCCGA
GCAACGGTAAATGGCACGGGTGTTGCGATTGCATATGAAAATGTGTCTATGGCTGCTCAG
TATGAACCACGGTATGAATCCTTAGAAACGCGTCTCGGTTCTAGTGAGTCTTTCCCAAG
TCGGTTGAACAGTCTGTTGAAAACCTTGCTGAATTACCAGAGGAGACTCGATTTTACTT
GAGGGTGATTCTGTTTCAATTATTATTGATGATGGTCTGCTCGCTTCTCGATTGGACCCA
AATACAGGGGAGATTCGACATACTCTTGGGGCTTCGGGGATCAGCTACACCCCTGGTGAA
ATGAAACGATCTTATACAGATCGAGTGACTGTCAAGGTGGTCTACCCTGATGGGTCAATT
GATAGAGTGACACCCCATTCAGTGGTTTATGTGGCTGACAGTATTTACTACGGCATTGAA

AGCACGGGTATATCTAAAGTCCGCAATGGTCAGACTGTCAAGATCCCATTGAGGGTGACG
GATGGTGGTACAGGAGCGGTTGGTGGGGTCCACAGGGATCGAAGGTGGTCCGAGATCGT
TACGGCTCAATTGAGAATGCGGAGTTGATGGGTGCAATCATTCTCATAGATGAGAAGACT
GGCGATCTCACCTTACGGCGCCTGATGATCGAACCGGTCAACTGTGGTTTCGTACAGAA
GTGACTTTCCCGGATGGTTCGGACTCAGAGGTTCAATATGTGATCGAGGTGACGGATCAG
CCTGAACCTGTGGATGTCATTCGTCTGCGGATCGTCTCTGAGTTCT

>naRXA00751-downstream
TGATTTATGCCTGAGACTTAAGC

>naRXA00752-upstream
AAGGTCAGCCGTATTTCCGGTCAGTCAGCACTAACTACGCTTATCTTCCGTGTACGATAG
ACCGTAGTTAACATAAGGAATGGAATAGGAGAATTGCGGC

>naRXA00752
ATGTATTCCGACAAGCTGATTCTCTTGTTCCTTTCTGAGCAGGATTCAAGCTATGAATGC
TGCGTAGGTTTATTAGATGGCTCAGATGGACTTGATTATATTGAAAAGCTTCTGAAGGGT
AGGAAGCTGAAGAACCATTTTCTTGAATGGGAAGATATTAACAAGGCTGATGTTGCTCGT
GAAGAAATATATAAAGGGCAATTGGTGCATCTGGTGTGTTGTGACGGCTCTTCCACGCCT
GGTGAAATTTCTTTTGTGTTTTTCCAGGTCAATCTTATGAGTGCAACACTCGAAGAAGAC
TTTGCTGCGCTTGTGCTCGAAGAGGAGCGCACATCTTAGACCTGAACGTCTCACCTG
TGGTCACTCCCGTAGGGTGGGTAGCTCCGGGGCTTGAGGGTTTCGTGGAGCGTAATTCC
GAGGCAGCT

>naRXA00752-downstream
TGAACCACCGCTTCTGAGCCGG

>naRXA00757-upstream
CAGGTTTAGCGAATTCAATTTCTACCACTGCTCGAGGGGAATGTGCTAATTCAAGGGTTG
TGACCTCGAGCACTTTTTATTCCGCTCGATCAAAACAAC

>naRXA00757
GTGAGTTTCGCGCTCGTTAAGCGCCCCGATGCGTGCTACGCGCTTTTTGCCATCCTGATC
AAGCGCAACCAGGCGACCGCGGTTTCTGCGCCAATGGCGCGGCAGCGTCAGTGGGTGTGTC
CACGCCCCGGCTGGACACTTCGAGCGTGTAACCCGCTCCGAAGTTGAGCTCTCCGCGCTG
CTCGGCGGCGTCGAAAAGCTCTCCGATTTCTTGGCTGAATACTTCCAGCTGGTCGAGATC
GGGGCGGGAATCCGAATCTACCTTGATGGCGACGCGGATTTTGGACCTGCTTTGGTCAC
TTTCAGGCCCTCGAGGTGCAATTTGTGGGATGCGGCGAGCGGCTCGATGAGCGCAGACAG
AATTTCACTGGTTGGAAGCCATAAAGACAAGGATAACCTGCCGGCAAAAATCATCGGG
CTATTACACTGTGAAGCCATGCGTAGGCGTATCCCTCTGTCTTGGTGTCTCTCTCTG
GCTGCCTTTTTTGGTGGCGTGACCCCTCCCAATCCGAATGCGGCGTTGGCCAGATG
TATCAGGATGCGCTTTTTGATTCCCAGGCGATGTCAGAGGCCGAGCCTGAGCTTGCCACT
TTGCGCAGTCAGCACGAGATGAATTATTGGCCGAGATTGCGCGTATTTGTGGCTTTGAT
GAAGGCCAGGTTCCGAATCGTGCCAGGTAACGGTTCCTGCGATCGCTATTCTGCCACC
GATGATCCAGAGAAGTATGTCAACGACAGTCAGGCGTTGATCCTTGATAATTTGGATGAC
ATTCCGGAAGATTCCGTGGCTTTAGTGGTTGAGCAATACATCGCGCAGGCGGAATTTGCT
GAAGGATCTGAGGTGTCGTTTCTGTTGATTTGGAGCTCACCGAGGCAGAAATTAGCTGCT
GCGAAGGACTTGGCGGACCGCGAGTTTTCCGCGCGTGGTCTTTGGGCGTGGCTTTGGCT
CAGCTTCCGGAACCGACCGCGAGGAGGTGGAACGGCGATCAGCAACCACCATGACCGC
GCGTCGAGCTGCAAAATTATTACCTCCGGCACTACCCAGCGCCAGGTTACGTGAGCGAG
CTGCCCCGACCCACCGACGAGACTTCAGCGCGAAGCAACATTGAAACCGTCGAAAACAAC
GTCACCCAGGCTGGCATGCAAGCGCCGCAACCAACCGACGCTGGCGTGTCTTC
TGCGCGCACATCGCCGGCGATACCGCACGCAATTAACGCTTATCGACGTCTCC

>naRXA00757-downstream
TAGCAGTTTCACTGCCAATTTTT

>naRXA00763-upstream
AGCGCGATTTGAGTGCTTTTAATACGATCGGAAGTATTCATGTCCCCAGGTTAGCCCCAA

GT TTGAATCTCTTGCAGGAACGTGGGGTAAAGATATAGAT

>naRXA00763

GTGGAAAAATCCAGAAAACGACTTGTGACCATCGCAGCATCGACAATTGGGGCCGTTGCG
GTGGCTGGCGGCGCTTTTGGATCGTTGATGCTTCCATCGCTGCGCACGCGGAACGCAAC
TTGTCTAAAGCAGTTGCGGAATCCGCAGATCTTGAAAACGACCCGCGAGTATTCCTCGGC
AGCTCCATTTACTCCACGGCGTTTTTACC GGCAAAC TCGACTCCGTAA GCATCGACATG
CTGGACGTGGAATCCCCGGCGTCGGCATGGTGAATGCACGCACAGAGGTAGAAAGCGTG
GAAGTCTCACGGGATCAAATCCTCTCCGGTGACCTCGACGGCACCACTGCGGAAACCTTC
ACGCGCACATTACGCATGGACGGCGTCGCAATCGGCGCGCAGCTCGGAATCACCGACCTC
GACATCTCCCACCCCATCGACATCTCCCCCTCCGGCGGCATCACCTCAGAAGCGCTCCTG
ACAGGAACCCACCAGACATGGAAGACCCGGTCAGTGTGCTGGTCACCCCTTCGCCTAGTC
GGCTCAGAAATCCAGATGCTGCCGTACGAGCTTATCGACGCACCCCTCCGGACTCACCCCTC
GACGATGTCGCCCCGACTTCACGTGGAATAATCGACACCCCTGCAACTACCCCTCGCAGAT
CGGGCAATGGCGGTTTACCTATCTGGTGGCTCCGTCCATTTCCAATCTGAAGCCCGCAAC
GTCCAGCTCACACCCGCGAACTATCACCACTAGCTGCACCGGAAGAAAAC TCCGATGAA
TCC

>naRXA00763-downstream

TAGATGCCAAACGTGCGCACCCG

>naRXA00765-upstream

ACGGAAAAGTTTCTGCGTCTGCGTGGTCTGACTCAGGATTGCAATCAGAAGAACATGCAC
GTTATCTAAGAGTAGTGCCAAAACGCTAGTCTTGAGTGTC

>naRXA00765

ATGAGCGAAAATTCCACCCCTAATAATCCAGTCGTCCCAGGTGCAGGCGCAGACGGCCCA
TCACTGTCCGATTCTGCAAGCATCAGCGGATCCGACGCAGTAAACCTCGCTGCCGAACAA
TCCAAGAGCACCGCTCACCGCAACATCCCAGGCCTAGGTGACCTTCCTATCCCTGACGAC
ACCGCTAACCTCCGCGAAGGCCCAACCTCCACGACGGAATCCTCGCGCTCCTCCCTCTC
GTCGGCGTCTGGCGCGGCGAAGGCCAAGCCGACACCGCAGAAGACGGACAATACGCATTG
GGCCAGCAAATCACCTTCGCCCACGACGGTGAAAAC TACCTCTCCTTCGAATCCCGCATG
TGGAACCTCGACGAAGAAGGAAACCCACCGCGCTCGACACGCGGAATCCGGCTTCTGG
CGCATCAATCTCAAAGATGAAATCGAATTCGTCTGCACCCACGCCGGCGGAGTTGTAGAA
ATCTACTACGGCCAGCCACTCAATGAGCGCGCCTGGCAGCTTGAATCCGCATCTACCATG
GTCACCGCCACCGGCCCATCCACCCTTGGACCAGGAAAGCGTCTCTACGGAATGCTTCCA
ACCAACGAACTCGGCTGGGTTGATGAGCGTCTCGTTGGCGACGCCCTCAAGCCACGCATG
TCCGCACAGCTCACCCGCGTGATCGGC

>naRXA00765-downstream

TAGTTTTTTCTAGTTCACCGTCA

>naRXA00767-upstream

TCAAGCGCCATAACGCCTGATTATGCACGGTTAAGGCGCATCTCGCTCACTGGTGCTAAC
CACTTGCGCTTTTGAAGGAATAACCTTCCTGTCAGATT

>naRXA00767

GTGGGTACTATCGAAGACGTGGCTAACGAACAAATCGAGGTGCGGAACAACACTGATCAG
ATTCTGCAGGATACAAGTCCCCTCTTCTTTCTAGAAAGTGGTGCGGCAGAAGCGCAGGGC
GCTGCTGCTCAAGCAGGTACTGAAGGTGTCGCGTGGCATTACGGTTCCCCTCTCGTCGAG
CAACGCATCTTCGAAACTGGCACGGGCTTAGTTGACCGTTCTAATCGCAAGGTGATCAAA
GTCGAAGGGCCTGATGCCCCACGTTCCCTCAATAATATTTGTCCCAAAAGGTTGATTCC
GTTGAAAACGGCTTTACTGCCGGTGCCCTGGATTGGATGCGCAGGGTCGTATTCAACAC
ACAATGCAGGTAAGTGTGTCGATGGGGTTTTCTACCTCGACACGTCCGCGGCGGAGTTT
GATACCCTCATCGGTTTCTTGACCAAGATGATTTCTGGTCGGAAGTCACCGTCCAGGAA
GCCGATCTGGCGATCATCACTCTGCTCGGCCAGGAAATTGCCCTTCCGGACGCGGTCTTT
GCCCCGTAGGGTCGATTGGAATGGGCCATCGCGTATCGACGTGCGCATCCGGCGTGAAAAC
CTGGAGGAGGGCGTCGACAAGCTCTTAGAAGCTGGCGCAAAGCTCACCGGTCTCATGGCT
TACACGGCCCCGAGCGGTGAAGGCGTTGGAGCCCGCTGCGGGCGTGATTGGA

>naRXA00767-downstream
TGATAAGACCATTCCCCATGAAA

>naRXA00768-upstream
GACGTCGCCATCCGGCGTGAAAAACCTGGAGGAGGGCGTGGACAAGCTCTTAGAAGCTGGC
GCAAAGCTCACCGGTCTCATGGCTTACACGGCCCCGAGCGC

>naRXA00768
GTGAAGGCGTTGGAGCCCGCTGCGGGCGTGGATTTGGATGATAAGACCATTCCCCATGAA
ATCCCCCATTTGGATTGGCCGTGGCGAACATTTAGGCGCTGTGCATTTGACCAAGGGTTGC
TACCGCGGGCAGGAACTGTGCGCGCGCTTGATAATCTTGGGCGTTCCCCGCGCGTGCTG
GTTCTGCTTCATCTTGACGGTTCCGCACCGCTGGATCCTGTGACTGGCGCTGAAATCAAG
GCCGGTGCAGCGACCGTTGGTTCGTCTGGGCACCGTTGTCCATGACGCCGATTACGGGCCG
ATCGCTCTCGGGCTGGTTAAGCGCAGCGCTTTGGATAAAGAACTTCACATCGATGATGTC
TCTGTAAACGTCGACCGCGATCTGCTTCTGCGGAGGAAAGTGAACAACGCGGACGCGCA
GCGATCAATAAGCTCAAGGGTCTT

>naRXA00768-downstream
TAACTAAAACGATTTATAGCGAA

>naRXA00769-upstream
GGCTATTGTGTCTATCAGGAATACAGTTAATACATCTTGAAAAGCCCATGGGCCATCCGA
ATTCCCAGGATCGGCCCGCTCACTCCAAGGGGTGAGGCA

>naRXA00769
ATGGGTGCGGTCGCGCGAAGGCCAAACAGACCAAAGTTGCTCGCCAGTTGAAGTACAGC
TCTCCAGACATGGATCTCGATTGCGTGCAGCGGGAGCTGGCTAACAGTCTCCTAGGCGT
TCCTACTCCGATACCCCTGATGATGAGGACCAGTACGCAGAGTATGCGGACTGGGATGAG
GACGACACCGACAATCGTGCCTACGGCACAAAC

>naRXA00769-downstream
TGATTTCTGTGTCTTAACTCT

>naRXA00771-upstream
TACCCCTGTTTTGGAGAATGCTCCGAGCCAGGGGTACTTTTCTTTTCTCACACACAGTA
GCTGCTGAGAAAAATGAAGACCTTTTGTAGGTTGGGAGT

>naRXA00771
ATGACCAACCCATACGAGGCCCTTCATACCGCTCAAGCATCGTACGGGGATTGAACCCGAG
CACACCTTTTGGGAATGGGAAAAACAAAGGGTTCACATTGCAAGGAGACGTCGAGAAGCG
CCCGTCCGCGTTATCGTGGTGATGGGCTAGGCACCCATAGTGGCGCCCTCTGGCCCCCTC
GTCGCGGCCATTGAGGGCGCGGACCTCGCCGCGATCGACCTGCCTAAAACTCCGCTTTAC
GACGATTGGCTGCGCCTTTTAGAATCTTTTCATCTCGTCCGAAGACGACGGTCGGCCACTC
ATCCTGATCGGTGCAGCGACCGGAGGCTTGCTTTGCGCAGAAGCTGCACACCGCACAGGA
CTGGTGCACACGTCATTGCCACCTGCCTGCTCAACCCCTCCGACCAGCCGACGCGCCGG
GCACTGTTTCAAGTTTTACCGCTGACTCGGTTGATCCAAGGCCGCTTGCGCAACCGCGAA
ATTCCCGTGACCAGAGTGTGAACTTCAGCAAAATCAGCCGAGCCAGCCCTGAGCAAA
TTGTGCGCGCGGATGAATTTAACGAGCATTCAAAATAACCTGGGGTTTCTCGCGTCA
TATGTGCAACACAAGGCCAAACTGGGTGCAGTTCCCCTCACTCTGATGCACCCTGACCAC
GACCTTTTTGACTCCCGT

>naRXA00771-downstream
TGAGCTCAAATCTGCGTACGCTT

>naRXA00781-upstream
TTTCTTAGGAAATAAACAGGGTGTCTTTGTGTTCAAAGGTATAAAGGAAGAGTAGTTC

CGGTTAATTCCACCGGGATGAGATACCGAGGAGAACGCAC

>naRXA00781

ATGAGCGAGAACAACAAACATTGAGATTGTCCACAATGAAGGACAGAAGCGCTTTGTTATC
AGCGTTGATGGAACGCCAGCTGGATTGTCACAGCTATTTAGACGGCCCGGATATCCGCAAC
TTCAACCACACTGTTATTAAGCCTGAATCCCGTGGACAGGGACTGTCTGCGCCATTGATC
AAGTTTGCTTTGGATGATGCACGTGAGTCCGGTATCCGTATTCATGATGCTTGCTCTGCA
GTCGCTGGCTTCATTGAGAAGAACCCTGAGTATAAGGATCTAAAGAAC

>naRXA00781-downstream
TAGCTGGCACAGGGGGGTGGTTC

>naRXA00785

ATCATCGCTACTCTCGGTGTGACCTTGCTGGTTGAGGCCCGCGGATTATCTTGACGGTT
GCGTCCATTCCCATTCTGTTTGGTATTTTCACACCACTGACTTCGTGGTTTGTGTCCAA
CAAGGCGTGGCTGCGAATGTGTCCCCTGGTGTTCGCTCACGAAATCCTCACGGCTGTT
TATCCTTTGGCGCAGTTGTTCCCCACCCTGATCATGGTCACCTTTGGTGGCGGCATTGATC
GCTGTGGTGGGATTATCTGCTGCGCAGGAACCAGGAATCTCGTCAGGTTTCTGGGGAA
CTTACCCGGCGCGCGCAGCGTGAGGCTGAGGAAGCTAATCAGAATGCTGCTCGTCTGCT
CGCGCACAGAGCAGAGGGTACAAAGTTCTAAACACGTAACCGTCGCGCGCAACCAACC
GGCGATACCGGTTCACAAGTCACGGTTGATGAGTTGATCAGGCGTAGCCAGGAGCGCCGG
CAAACGTGTGCGCAGCGCAAACCTGAGCGCGGTGTGCCGTTTACTCCAACCTCCGGGTCT
GTGGTGGCCCCAAGCCGCGCCGAGCGCCCTGAGGCGCCGGCTCCTACGGATGTGGGT
GAGCGTCGACAAGCAGCCCCCT

>naRXA00788-upstream

CGCATCCCTCTAGTTTTCCATCACCTCAATGAACGGCGCTAACTCCGGTTCATTGCGCAA
TTGATCCAGCACTGCTTGCAGTGAGGCCTCATTAGTTGGC

>naRXA00788

ATGGCCTCCTCCATCAACATCGGAGTGTTCAACCTTGGAATGCTGTTGCTGCCTGGCTT
GCTGTGCAACCATCACCACTTCCCTTGGAATCAGATCAGCCGGATTAGTTGGCGGTTTG
ATGACGTCCCTCGGACTAGTGTTGGCCATCGTGGCTGTGGTTTTGCGTCGAAAAGCGCAA
GGCACCCAAGCGACCATCAGCGTTGTGGAGCACCAGCCCGCCCAA

>naRXA00788-downstream
TAAATAATTTCTCTTTCTAATT

>naRXA00795-upstream

TTTGGAATCTGGACACCCAAAAGGGGTTTCGTACCAAACTCGTGACATACTAGGCGGGT
GGCTGAGAAACGACCGAAAATTTTGATGGCAGTCGAGAC

>naRXA00795

ATGATTATCTCGTTGGTAGTCTCCGCGATCATCATGTTGGTAGCGGTGGGATTCACGGGA
ATGTGTTCTTTCAATACAGGATCCCCTGAAAATGGGCAGGTACCTGAAGTTGATGCTTCC
ACTTTTATGTCAATGGAAGCGCGCGCAATGACTGATCATGCAACTAGGTTGCCGGAACT
CCTGAAGGCTGGACCACAAATTCAGCTCGACGCACCATGGTGGATGACACCCCGGCATCT
GTAGTTGGATATGTCACCGCAGATGAGGGCTATATTCAGCTCACTCAAACCTGGTGAAACC
GTTGAGGATGCTGTGGCTGGTTATGATACTCGCTGGCGTGATCTTTCTGAGTCTTATGAT
CTTGATGGCCACGACGTGGGAATTTACACCTCACAGGAATCTGATGTGCGTGATCTGCGT
GTGATGGATCTGGGCGATGCCCGCGTCATGGTCTCGGGTGCTGCTACCGATGAAGAATTC
AATGATCTGCTTCGCGCAGTTGCGAATTCGGAGCCACTGCCTACCAAT

>naRXA00795-downstream
TAAGAATTGGTCGAACCAACAAA

>naRXA00804-upstream

AATCTAGTGCAAGTTCCAGCGAAAACCTTCCAAAACCTGACCAAGTTTAAGAAGATTTCGCT
ACCCTATGAATCAGTTGTAGGAGTAAGAGGGGAGTTAGAG

>naRXA00804

ATGAAGATCAGAAGTGCACGTGAAATCGCGGAGTGGTTTCGTTGCCTGGGGAGATGAACTC
GATGCTGAAGTCTCCCTTTTGAAATTGCAGAAGCTCCTTTATTACTCCCAGGGTGAGCAT
ATAGCTGCAACAGGGCGAAAACCTTTCTCGGATAAGATTCTGGCGTGGCAGCACGGACCT
GTCACCTCCGGGCGTTTATTTCAGATACAAAATCATAACGGCCGAAACCCAATTGATCCTGAT
GAGTTTGTGTCAGATGAATTTAACTGGGATGACTACTCAGATGTGTCAGATGAGCTTGTA
ACCGTATGGCGAAAATACGGCATCTATTTCGGCGTGGGCACTGAGGGAAAAAACTCACAGT
GAATCGCGTGGCTCGATGCCTGGGCACAAGGGCAAAATATTGAAATTACAGATGCTGCG
CTGAAAGATTCTTCTTGGTGCAT

>naRXA00804-downstream
TAGAAATTTGAAAAAGAAACGAA

>naRXA00805-upstream

TGCTCCGCTGACAGTGGTGCCTGAGCAGCCCAAAAGAGACAAAGCGCTGGTTGAGGGC
ATATGGGGAAAGCGTGAAACTCTGATAGGGTGCCATATCC

>naRXA00805

ATGGCAGAAAGTTTATAGAGGTCTCGGCGGGGCATGCGGATCGGCGGATAGATAAGTTT
TTGCGGGCAGAGCTAAAGGGCGTGCCCGCTCGTTGATTTTCCGTCAAATGCGTAAAGGC
GACATTTCGGGTGAATGGTTCGTAAAGTGGATCCGAATTACCGGTTGCAAGAAGCGGACCGA
ATTTCGAATGTGGCAGATGGATTGCTGGCAGATTGCGGCCACCGGTGCTCGATAAGCAT
ATTTTTAAGGCTGTGCGCAGACAGCGTGCTTTTTCGAGGACGCCGAATTACTGGTGATCAAT
AAGCCAGCTGGAATTCCTGTGCACGGTGGCAGGGGCACGGCGGTGGCGTGATTGAGGCG
CTGCGGCAGAAAGTTTCCGCAGGAACGCGACCTGGAATTGGTGCATCGTTTGGATCGGGAC
ACCTCAGGTTTGTGCTGGTTTCTAAAACGACATCTGTGTTGCGCGAGTTGCAGGAAATT
TTGCGAGACCGGAAGAGGAGATTTTTCGGGGGTATTTACTCAAGGTCGAGGGGGCTTGG
CCTGGCGATTTCGACAAATTGATGTGCCGTTGAAGCGGACGGAGACAACTGTTGTGCCA
CATTCGGATGGTTTCGGGCGCGGACGTATTTGAGGTTGTAAAGCGTTTGCCGGGTGCG
ACCTTGGTGAAGGCGCATTTGGCGACCGGGCGGAAACATCAGATTTCGGGTCCATGCGCGAG
TATGCGGGTCACCTATTGTTGGCGATCCACGATACGGGTGCGGTGGGGGCAGAGCTGCG
ACGATGCATTTGCATGCGGCGGAATTGGTGGCGCCTCGTGGGGCGGGGAAGCGTCAGAAA
TTCATGCAACCGTTGCCGAAGGAGTGGGGTATGGGACGGGTC

>naRXA00805-downstream
TGAGTCGGGCCTTCGTGGAATCG

>naRXA00808

GCTGGCTTCAATGAGATGATGCGTGGCCTGCGTGAACGTCAGCGCGTCCGTGACCTTTTC
GGTTCGTACGTGGGCGCTGAAGTGGCCAAGCGTGCCTGGAGGAACGCCCCACTCTGGGT
GGCGAGGACCGTAAGGTTGCCGTGTTGTTGTCGATGTCATCGGCTCCACTACCTTTGCC
GTCAACCACACTCCTGAAGAGGTTGTGGAGGCGCTCAATGAGTTCTTCGAGCACGTTCGTG
GAGGTTGTGCACCGCAACAAGGGTGTTATCAACAAGTTCCAGGGTGACGCGGCGTTGGCG
ATTTTCGGGCGTCCCTGCCCCTGTCTGATGCCACCGGTCATGCGCTTGGCGGTGCCCGT
GAGCTCCGCGCAGAGCTGAAAGATCTCCAGCTCAAGGCCGGAATTGGTGTGGCTGCTGGC
CATGTGCTTGTGGTCATATCGGCGGTACGCGAGGTTTGAGTACACTGTGATCGGCGAC
GCGGTGAACAGGCTGCGCGCCTGACGGAGATCGCGAAAACGACCCAGGCCGCACCGTC
ACCAACGCTTCCACGCTGCGTGAGGCCAACGAGGCGGAGCAGGCTCGCTGGACGCTCATG
AAGTCCGTGGAGCTGCGCGGACGTAGCCAGATGACGCAGATTGCGCGGCCTATTCGGCCG
ACGTTGGCGGATAGGTCC

>naRXA00808-downstream
TAATACGCTTTTCGACGCAAAAA

>naRXA00812-upstream

TTACAGGTGAGCGTATCGCGGGCGGTTGAGAGGTGAGTTATCCACAGGCCGAGAGGGG
GTCGTTGAAAGCACGTAAGCCTCAGGCCACAGTAGGTGCC

>naRXA00812

ATGAACACCATCACACACCAAGCAATTCTCATCGCAGTGGAAGATCCGGTCCTGCACCCA
GAGGCCATGCACGTAGCTGCAGCCACTGGTCGGCCGGTTATTGAAACAACAAATTTGATG
GACATCTCCAGGCATTTTACCAGCACATCGGCAGTGCTCATTGATGCGTCGATGGCCTCT
CAATTATCACCTGGGAAACGCCGACAGGGTGTTCCTTCTCGATTCTGATCCAGGGCCC
TCTGATTGGAAAACGGCGATGAAAATCCACGCTGAGCAAGCCATGTTGCTTCCCGCTCAG
GCAGGGGAGTTGCTCAGCGCTTTAGGCAGAGATGACAAACAACACTGCCGGTGGCTTCGGGC
CATGTATCGGTGTTGCCGGGGTGGTGGGAGGAACAGGCGCGAGCACGTTTGTGCGGCG
CTCGCAAAGCGCGGTGCGGAGTCAGTACCACCTGTGCTTATCGACGCCGACCCTTCCTCT
GGCGGCATCGACCTGTTGCTAGGAATCGAAGATGTGCCCCGGCGCGCGGTGGCCTGATGTG
GGGTTGCGTCGCGGAACTGTCCAGGCTGCTGATGTGTTGAAAGCGCTGCCGAGCACTCCT
GATGAGGTCGTGGTGTGTCTACGGCGCGGTCTAATATTCTGGATCCTTTTGCATTATCC
GAGTCTGATGTTTCAGCGGCGATTGATTGTTTCTTAAGCGCCGATAGGTCGGTGGATGTG
GTGGTGGATCTGCCTCATGCGAGAGTGCATCCAGATATTGCGGAGCGCTTATCCACCTG
GTGTTAGTCATCCCTGCAGAGGTCCGAGCGGTGGCTGCTGCCAGGGCTCGGTGTCTGGAA
TTACAACAATTGCATGTATCCATCACGTGCGTGTGAGGCATCGCGGGTGGTCAGGTTTG
GATGTTGCAGAAGTGAAGAGATTTTAGGTGCGGATATTACGCGGAGGTTGGCTCGATC
CAGCGGCTGGCTAAGTCCGTGGAGATGCATGGGCTGACCGGTTCTTTGCCGAGGGTTTAA
AGCTCAGCATGCGACGCGGTCTCGGGGAGGTGGCGGCA

>naRXA00812-downstream
TGACTGACATTGATCTGGTGGTG

>naRXA00814-upstream

GCCGAGGCTAGCTCAACTCGGGGTGCTCCGCGGAAATCCTGTGACCACGCAGGTGGTGT
GGGATTTGGACCACGGCATGCACGAAGGGAGCGAAGAGGC

>naRXA00814

ATGGTTTATGCCCTAGGCCTTCTTAGCGTGGCGGTGTTGATCTCTGGTTCAAGGGGCCCC
GGCGCGCGTACCAGGCCACCAACACCTGGGAATGGCGTCCATCTATTGCCCTAATTGCA
CTATTTTGGCTGGCCACAGTGCTATTTATCGTCGTTGACGCCTACACGATGATCGCCGGC
ATCATCATCGCCCAACTCTATTCTGGTATCTCCGCCAGACACACGCCGAGCCCAACGC
ACCAACAATCCCTCCAATTAGCCAGCTTCTTAAGCCTCTGCGCAGGCAATTTACGCGCC
GGGGTACCATGGTGCAGCGCATGGACTACGCGCTCGACAACACCACGCCGGACAAATTC
TTAAGCCCCACGTTGCAGACCGCAGCCAGGCGCGCTCGGGCGGCAGCGGGCCGCGA
GTGCTTATCGACGCTCCCTCCCCGATCTTCAACGCTCGGCCATTTGTGGGAAACATCA
GAACGACACGGCATCCCGCTGGTTCGCCCTCATTGATCAAATGAGGTCGCGATTTTCATCG
AAGCAACGCCACGGCGAATCCACCCGAGCTGCACTCCAAGGACCGCAAGCAACCCGAGTG
ATCCTTACCGTGTGGCACTAGCAGGAATGCTCATGGGCACAGCCATGGGAGCAAACCCC
CTTGGGCTACTACCGGTGGTGGGATCGGTGGGTTCTGCTTGTATCGGTGTGGGCCTC
GATGCTGCAGGGTTGTGCTCACCCACAAAATTTCTCAGAGCGCGAGCCCTCA

>naRXA00814-downstream
TGATTACAGCACTAGTTCTTGCA

>naRXA00815-upstream

CCGGTGGTGGGATCGGTGGGTTCTGCTTGTATCGGTGTGGGCCTCGATGCTGCAGGGT
TTGTGCTCACCCACAAAATTTCTCAGAGCGCGAGCCCTC

>naRXA00815

ATGATTACAGCACTAGTTCTTGCAGCAGTGGCCATGTTCTCGGTTACCCAAACCCTGGA
GTTTCGGGTGGATTGATAAGCCCCAAATCCGGTAAAAGCCTGCGTATCCGAGCTGGCCCCA
AAAAAGCTGGGCAACGCTGACCCAGTGGATGTCTCTGCAGATATCGAACTGTTTTCAGCG
TGTTTGGATGCGGGTTTAAACACACGTGATGCAGCGCAGGTGGTGGCTCATGTTGCAGCC
ATTACGCACCGGAACTGTGGACACATGTGGTGGCATTGCTATCGATTGGAGTGAGTGCC
CCTCAAGCATTCGCCCTGATGGCAGGAGTTGATGGGCTGGATGAACTAGCCAATTTAGCC
ACCGTGTGCGACAGGTGCGGCAGTGCATTAAGTGATGGGTGCAGGAACATTTCCACCTCG
TTGTTGGCCTCTGCTGGTGACAAGCGCACCGCCGAGCAGAACGCGCAGGAGTGTTCATC

GCCCTGCCACTTGCTCTGTGTTTCTCCCCGATTTCATGATTGTCGGGCTTGCACCAAGTG
GTGCTCAGCTTGGGTACGCAACTTATCAATTC

>naRXA00815-downstream
TAGAAAACACACAGGAGAAAA

>naRXA00816-upstream
ATGCTCACCACAACAGCCACTATCCCGGCACCGATTGGGCAGGTGAGCGCGAGTGCGGTG
TTCCCGGTGAAAACTAGCTGTGCAATGACGAAGGCTAC

>naRXA00816
ATGACCATCGCCAGCGCTGGTGTGCGCTCCATCCTCATTAGCCTGCTGGTGGTGTGGCC
TGGCAGGCGGGAAACCTCGTGGCCAGGGAACAAGCACAGGTAGCGGCCGATGTTTCAGCT
GTTGCCGGAGCCTACGCCTTTGCCCGCGGGGAACACCCGACGCTGCCTGCGCCACCGCG
AAACACACAGCCGAAGCAAACAACGCACAACTAGAAAACTGCGCAACAGAAGGGGAGGAT
CTCACGCTCACCGTCACCGTTCGTGGACAAGAAGCCACGCAAAAGCAGGACCTTTA

>naRXA00816-downstream
TGAGGTTCCTCAACAAGGTCACCA

>naRXA00826-upstream
TCGGCGCGCGATCTGGTGCTCATCTTGGTGTGTGCTGCCATTTCCGCGATCGCTCTAA
CCGTGTCCATTGAGCTGGTTTCTTTAAGTTCTTGGGCAC

>naRXA00826
ATGATCACAGTTTTAATTGATGGACAATCCGGTGCGGGCAAAACCACCTTGGCGGGTGAG
TTAGCTGCCCCGACCGGGTTTCAGTTGGTTCATTTGGATGACTTTTATCCTGGTTGGACT
GGCCTTGAAGCGGCATCGGAGATTGTTGCACGCCATGTTTTGGACGCGGACAACCCCGGT
TTCTTCACGTGGGATTGGCACAACAATTGCCAAGGCGATTGGATCAAGTTGGAGCCTGGT
CGAAGTCTCATTATCGAAGGCTCTGGATCAATCACTGCTGCAACAAAACGCAAGGCATCG
CTGTTGGGCGAGCTGGTGACCGTTCTGATCACTGGTCTTGAGGCTTTAAGAAAACAGCGC
GCCCTCAACCGGATCCTGATTACGCACCATTTTGGAAAAGTGTGGGCGCAGCAGGAGCAA
CGCCATTTCTCTTTAGGCGTTGAGGTGGATCATGAGATTGTGCTAGGTTCTGATGAGGCT
TCGGGACGACCCGAAGAAATCTATGACAGCCTGGGAACGGCCAGAGTTCT

>naRXA00826-downstream
TAAGAAAGTTTGAAGTAGAGACA

>naRXA00830-upstream
TGATGGTGGCTCGATTGTATTCGAGGGCAGCCCCGCGGAACCTCATCAAACTGATACTCC
AACAGGACGCCACCTTAAAGCTTATGTAGATTAGTTTCTT

>naRXA00830
ATGGAAAACCTTGGTGATCTCGGCGCTATGCCACAGTACGGTTTTGAGCATATTTTCGATG
CTCATCACCCTGTGGTTTTAGCGATTCTTGTGCTCCCATTTGCTCGTCGATTCAACTTC
GCACCGGCATTTGGCTGGGTGCTACTCATCGCAACACTTCTGTGCAACCTGTGGAATTTT
ATGCCCGGCTATTACAGCTGGACCAATCTTGCCATTCCACTTCTCAGATGCATTGCGC
ATTATTGCTGCCATCGCATTTGATTAATCGCGCGCGGTGGGCAGTTTCAGTGACTATTTTG
TGGGGCACCGATCAACCTGATGTCACTGCTCACTCCAGATGTTTCAGTATTTACAGGTT
CCCTGGCTGGAGTTTTTAATGTACTGGTTTATGCACATTTCTGTGTTTCTAGCAGCTATA
ATTCTCATTTTCGCTTTTGGAGAAAAGCCAGGGCTGTCCGGAGTGGTTATGTCCGTTGCA
GTGGCGATTAGCTGGGGCATCATGTGCCTCATGGTCAACGCATTTTGGGAACCAACTAC
GGGTACCTCTCCACAGAACCAGAATCAGCGTCAATTCTGGATTTGTTGGGAGGATGGCCG
TTCTACATCGTCGCGAAGTATTACTCCTGTGTGCAAGTGTGGGCTTTGTGGTCTTATCTG
ATTGATAAGCTGCCTATCACGTATCGCCCTGCTTACCGTCCGAAAACCTCGGAAGGCCGCT
GCG

>naRXA00830-downstream

TAACCGCCCTCTACCTCGAGAA

>naRXA00831-upstream

AGCTCCAAGAAAGTCAGTGCTGTGCATGGCTCGGTGCTGCTCATGCTTTTCGGTGTTTAC
ATGATGAGCATGTTGCGCTGATTTAGGTAGCCTGGTGGGA

>naRXA00831

ATGAGTGCACCTTGAGACATTGCAATGGCAGGACTGGTCAAGCGTCTTAATTGTGGTAGCT
CACCCAGATGATCCGGAGTATGGGCTTTCCGCGGCTGTTAAAGAATGGACAGACGCCGGG
GTGGAGGTGTCTTACCTGCTGCTCACCCACGGGGAGGCAGGTATCCAAGGTTTAGACCTT
AAAGAAACCGGTCATTGCGCGCAGCGGAACAGCGGGCTGCATGTGATGTGGTAGGAGTT
AGAAATCTCACCATTTTGAATCACCCAGATTCCATGTTGGTGTACAATCTGGTACTGCGC
AAAGATATTGCTCGGGAAATCCGGATCCGTAAACCAAATGCTGTGGTGGTATCCAATTTT
GATGTAGAGGCCACGGTGGTTTGAACCAGGCGGATCACCGCGTGGCGGGATTAGCCGCA
ATTGATGCGACCCGCGATGCCGCTAATCCGTGGGCGCAGCCAGAGCTGTTGAGGAGGAT
CTGCAGCCGTGGGGAGCTGAAGTCATCATCATTTGCCGGACACCCAGAGCCCAACCCACACC
ATGGATCTGGCTAAAGATTCTGTTGATGCCGGAGTTGCATCCCTTCAAGCTCACAAGGAA
TACTTGGCCGCTCTCCAGATCCCCGAAGCCGAGGAGTTTATTCCGGCGTTTCTCGAG
GTAGAGGGCGGTTACGCAGCGGCCTTCCGAGTTTTCGGACGG

>naRXA00831-downstream

TAAGCAGGGCGATACGTGATAGG

>naRXA00835

TTTGCTCCGTGGGCTCTCACACCAATTTTGATGCTGGGCGGCTCCTACCTGTGCTTCGAA
GGTGCAGAAAAGATCTGGCACTCCCTCCACAGGCGCATCAAAGGTGAACAGCACAGCACC
GAACCCAAAGTCGCAGGAAAGCCCAAAGTCAGAGGATCAGCTGGTCAAAGTGCCATCACA
ACTGACCTCATCCTTTCCGCAGAGATCATGGTTATTTCACTCAATCAGATTGCAGATCAA
ACTATCTGGATGCAGGCTGCGGTTCTTTTCGTCGTAGGTATTGGCATCACCGCGCTCGTG
TACGGCGTAGTCGGTGTTCTTGTGAAAATGGATGACGTCGGACTTACACTTTCAAAGCGT
GACTCCGCAGGTATCCAGAAATTTGGCCGCGGCTTGGTCAAAGCGATGCCATCGTTCCT
CAAGTTATTTCTGTTGTGCGCGTTTTGGCCATGCTGTGGGTTGGTGGCCACATCATGGTC
GTTGGAACCTGAAGAGTTAGGATGGGAACTTCCCTACCACCTTGTTACGGACTAGAGTCC
TGGGCTAACGGTATCCGAGGCAGTGCTCTGGGATGGGTTGGCAATACTTTCGGGTCACTT
GTGTTGCGCCTCATTGTTGGGCGCGATTATCACCGTTGTGGTCAGTGTGATCAAGAAGTTC
ATTCCACAGCGTGCACAAAACCTCGTCTCAT

>naRXA00835-downstream

TAGTGGAGAGTTGTTGCTGTAA

>naRXA00836-upstream

GGAGAGTTGTTGCTGTAAATTTGCTGTACAGTTAATATGACTTTTTACTGTCTCAATCA
ATTCACAAGTTTGCACGAAATTTAAGGAAAGGAGTGCCCA

>naRXA00836

ATGTATACCCATTCAACAGGCACTCCTCAGCTTGATTTTCGACGGTGACATCTATCCCCTT
CACCTCTTCTTCTGTCACAGACTGCCAACATTTGCTCTCGAGCGCGTCAATTGGCAT
GTCTTACGCGCTATTGTGAAACCTGAGCAAGGCGAACTCATCGTCGAAGCGCTTCTCGCA
CCAATAGAATCCGCAACAAAATCGGTGTTTGGGTTCAAGATGAATTTCTCGGGGTGATT
GCAGAGTCCCAGTTCCTGTTGAATTCTCAATTGTCTCGAATTTTGCCTCTGGCCACCTG
ATTTCCAGCCAACTACTTCTCACACCGAGTAAAGGATCTCTCGCTTCAGTTCTTCTTCCA
AACCTAAAATTCGGGCTCATCAGCAATGATCCTCCACGAGCTGATTCCACCTCTTACCG
CTAGGCAGAATGTGGCGGTTGAGCCCACCGTTCATGCTCTGTTTGGGATTCTCACTT
GGCTCCACGATTCTTTTGGGCTGAGGCTTGATTAGAAGCCCTAATTGTCTCTTATAAC
GGAATAGAATGTGGCATCTTAACTTTGATGACGCCTCAGCACTAAGCTCTGCTGTGAAA
TTCTCAAATGCAAATGGTCTCACCCCCACGGTGTCTGGCCACGTAGTCCGGGAGAACGGT
GAAACATCCTTCGAGATTGACGTTCTCCACTGGAGTTGTGGTCAAGAAGCAGCATCGC
CTTGAGGTTTTAAAAATCCCTCGGTTGATACCTAAAGAGGCAGATTCCCAAAATATGTG

AAGGCGACAGCGCTCCTTTTCAGACGAGATTCTGCGACCACAAACGCTGTCCAAAAAGGCA
 CTGTCTTTTGTGCGACACCGCAGTTAAGTACAGCCCTCATGTTGCTTGTGGCGTGGGGATG
 TTTAGTCTTTTCGCCGTTATTCCCTTTGACAAGTTGAGTGATCATAGTGCATGCTGCTC
 GCAGTCATTAGCTTGATGCTTTTTGTGCTGGCATTAGTAATTCTTTTCAAGAGAATTTCAG
 TCAACTAATACTCAGCGTTGGAACCTGGCCTCGTCAGTCGGATTACTCGCGACACTTCCG
 ATTATCATATTCTCGGTTGCTGATACATTGATTCCCTCAGGGCAGCCTGGAAAACCATGCT
 CAACCCGACGTACAGGTAACAACGTTAGCTAACAGGCGGCCAAGTTCACCTACCTCACTG
 GACTCACTAGGCGCACTGAATTCACCAAGTTCGCCGAATTCCCCGAGCTCATCAATGCTG
 CAAAACCTCTGAAATGTTGCGCTCACCACCGATCGCCTCTGGGCAGTCACCGGTTTCGACG
 TTCCGCTCATGGCTAGATCGATCCATTCTGCCACTCACACGAGAAAATTCCGCTTCAGAA
 AGCGCAGTGACAGCTCTTGGACCGTCGATAGTGCAGCCTGCATCTGAATCGATTACAAC
 CCAGCTCAAACGTCGAAAGTCGCCACGCAATTGACGATGGTGACGACAGTAAACCTCA
 ACGGGAAGACCAGTCCCACTACTAACTCGCCGATCATTGCTCTTCCCCAACGTGGATT
 ATCGGGCCGGAAGATCCAGAATCCACCGACCTACAGCACCAACCGAGCCCACCGAGCCA
 AGCGAACCTGTGCAACCGACGAACCTCAGAGACCTCTGAACAACTTCA

>naRXA00840-upstream

GCGATTAATGTGACAGGAGGAAAAGAAGTTAACTGAAGTTACTAATGTGACTAAAGTTGT
 TCCCTCCGCATTGTCTCGTTGAAAGGTAAGTAAACTCAA

>naRXA00840

GTGACAAAGACACTCCCCGACTGCTTACAGTCGCTGCCGCTCTAGCCATTGCACTCCCG
 GCAACCCCGGTAGCATCGGCTGTACACCAAGTTGAACAAGCTTTCAACGCCCTCATCGAAT
 CTCTCCAGCGGTCTCCCCGTAGACCAATGGGGACGCCCAACGAGCAGTTCCGCCAACAA
 ATCGAACAGGCAGTAAACCAACCGTGGGTCCCGCAGGAAATCAAGAACATCGTTTCTCAG
 GCCATGGGTTTTATCACCGGTGACGGCAGCGAAGGTGGGGACATTGAAATCCCCGACAAC
 GCACCACGCATCGCGCAGTTCTTCTGGCCACCCGATCAGAAAACCTGCATCAACGGAAAT
 TCTGCAGCCGTAGGATCTGCCTTCGAGTTCCAGGACCAGCAGATCTCCCCCTCCCCGGC
 GCAGGTGTGCGCCAAACCTCCTTCGTGTTACCGCACTGGGAACCTGGCCCCCTCGCAGAA
 CAGCAAAGCACCGCAATGACTGTTCAATGGGCAAACTTAAGCAACTTCACCCATGGCACC
 ACGACGTTGAGCAACACCGGAATCAACCCCGATGGCCCCCTCAACGATTTCCGGTGTGGCA
 GACACAGGACGCGGCATCATCGTCGCCTCCATGTGAGGCGGCCTCACCACATCCACCGAA
 AACGGTTACGCGAACTGTAATTTTATCCCGACTGCCGTGCTATTTCGATGTGAGG

>naRXA00840-downstream

TAAGAAAACAATGACTGATCTTC

>naRXA00841-upstream

GCCTCCATGTGTCAGGCGGCTCACCACATCCACCGAAAACGGTTCAGCGAACTGTAATTTT
 ATCCCGACTGCCGTGCTATTTCGATGTGAGGTAAGAAAACA

>naRXA00841

ATGACTGATCTTCATCCCGTAAAGCAGGAAATTTTCAACACTGCTGAATCCATAAACACA
 GATCCCAAGGGGTTTCTCCGCGAGGTAGACACCTTCAAAGTAACCGACTTCGGCCTGTAC
 ATGGCTCGTGGTGCAAACACCCCAAGTTCGGTACTTGGAAAGCTGGCTCCTCCAGAA
 CTTGGATTGCGTGCCAAACATTTTCCACTTCCGCAAGGCGTGGATGAACGTCAGGATTAC
 TACATCGATGTCGCTGAAATTCGCGTCGAAGACAACATCTGGACCACCCGCGACCTCTAC
 GTGGATCTCATCTCTGTCTGCGGAGAACCAGTAACAGTCATGGACATCGACGAACCTAGCT
 GCAGCAACCTCAGCAGGGCTTATCACTGCAGATGACGCTGAGCGCGCAATTGATGCCACC
 TTGAATGCTGTTGAAGGAATCACCCGCCACGGCAGCATCCTATGCAAGTGGCTGCGCTCC
 AAGGGAATCGAACTCACCTGGGCTGACGCCAGCCAGGTAGAGCTCGTCCCTGCAGAG

>naRXA00841-downstream

TAATACTTCTTAACCGCTGCTT

>naRXA00846-upstream

CTGCGGGGAGACTCGGTTAGAAGCGAAAAATAACGGTATCCTCGGGGCTGCGGATGGCTGG

CCTGGGGGAATTTCAAGTGCTGCAAGTTGGAGGAAAAACG

>naRXA00846

ATGTTGAAGAATGATCTGTCTGGTGCTCGAGTTGTAGCTGTGCATGCGCACCCCTGACGAT
GAGGCGATTACCACCGGTGGTGTGCTTGGCGATCTTGCTGCTCGTGGCGCCGATGTCACG
GTAATTACCTGCACGTTGGGCGAGCAGGGTGAGGTTATCGGTGAGACATTGCGCGCAGCTA
GTCAACGGTGATGCGGATCAGCTTGGCGGGTTTAGGATCCATGAGCTTTACGCCTCGCTG
GAGATTCTGGGCGTGGCTGGCATTTCATCTGGGTGGCGCTGGCTGCTGGAGGGATTCCGGT
ATGGTTGGTGATCTGCAAATGAGCATCCGCGTGGCTTTATTCACTCTGGTGACCGTGCA
GTGGAGCAATTGAAAGAACTTCTTGCG

>naRXA00853-upstream

TTGGATCCAGTTGAGAAATTTAGCCCCCATCCCCACATGAACGCTGTTCAAAACATCC
AGCTTGCTTGTGAACACTGTTTCAAGGTGTATGATTTTTTC

>naRXA00853

ATGCCTACATCTCTTCTCCTGCAACTGTGACTCCGCTAAAGAAGCAGTCTTCACGTAAA
CAGCTCCAAGACATCGCGCTTATTGCAGTTTTTGCAGCACTGATCATTGTGCTTGCTTTT
GTTTCCATCCCAGTTGGCACAGCGGGAGTGCCATTGTTTTGCAGAATGCCTCCATCGTT
TTGGCTGGCCTGATCTTGGTGGTTCGACGTGGTTTTCTCACTGCTTTGCTGTTCTGGCA
CTCGGCCTGATTGGCCTGCCTGTCTTGCAGGTGGTCGTACCACTTTGGCCGCACTTGCT
GGCCCAACAGCTGGCTACATCGTGGGTTACCTCATTTCCTCACTTGTGTCAGGCATCATC
GCTTACCTCGCACCTAAAAAGCGTGGCGCTGGAATGTCATCGTTTTAGGCCTGGCGGT
CTCGCGGTCTGATACCCCAATACGCTTGGCGCATCGTGGGTCTCGTCCCTTCGTGCGGGT
CTAAGCTTGAGTGAAGCAACAATTGCTCAAGGTGCCCTTTGTGCTGCCAGATTGGCCAAAG
ATCACCGTCATGGTCATAATCGCCGCTGGAGTTCATGCAGCATTCCTGACATCCGTAAG
AAA

>naRXA00853-downstream

TAGTTCCAACCACTTTTCCTCA

>naRXA00854-upstream

TTCATCCGCCCTGGAAGACGGTCATGACGGGGACCCTTCTTAGGGTCGCTGTCGGAGATT
GGACACGTAACCTTCTGTGCTTGCGCTGTATTATCGTCCCC

>naRXA00854

ATGCGTTTATCGGAGTTTCGGCAACTCATTGAAGATGAATTTCGGAGAAGCCAAAGGGGAG
TGGATTGCACACTCGCATGTGATTGGTGCCCTCGGCGTCACTGCAGATGTTGCAGTAGAT
ACCGGGGTTGATCTGCGCGATGTATGGGAACAACGTGCATTGATTTAGTGTTCCCGAA
GAGCGACGACTTGGTAAAGATGAACCAGGGTTC

>naRXA00854-downstream

TAGCTTGTTTCGAGGGGGTTCGCA

>naRXA00855-upstream

TAAAAACCTCTCGACGGACGAAGCGCCACAAAAGCAAGAGAAGAATATAAGTGAACCAAA
TTCCGTTTAGTGACGTCTAGACGCCTAACTTACCTGTT

>naRXA00855

ATGACTTATTTTGCCGTGCTTTACACATACAACCCAGACAGCGAGAAAGTCGCTGAAGTT
CGTACCGTCCACCGCGAGTTTATTGCCAACCTTCATGCGGAGGGCAAAATCGTTGGCTCC
GGTCTTTTCGTGGACGGCGACGGTGGCGCGCTGATTGTCATCAAGTTGGAAGAAGGCTCC
AACCTTGTTGATGCTGAAACCCTGATGAACAATGATCCATTCCACGTAGAAAACGTGCTG
GACAACCGCTCATCCGTAGCTGGAACCCTGTGACCAAGATTTC

>naRXA00855-downstream

TAGGCAACTTTTTCTTTAACAAT

>naRXA00861

ATGGCTCCTCACAAAGGTCATGCTGATTACCACTGGTACTCAGGGTGAGCCTATGGCTGCG
CTGTCTCGCATGGCGCGTCGTGAGCACCACAGATCACTGTCCGTGATGGAGACTTGATT
ATCCTTTCTTCCCTCCCTGGTTCCAGGTAACGAAGAAGCAGTGTTCGGTGTCAACAATG
CTGGCTCAGATCGGTGCAACTGTTGTTACCGGTGCGGACGCCAAGGTGCACACCTCGGGC
CACGGCTACTCCGGAGAGCTGTTGTTCTTGTACAACGCCGCTCGTCCGAAGAACGCTATG
CCTGTCCACGGCGAGTGGCGCCACCTGCGGCCAACAAGGAAGTGGCTATCTCCACTGGT
GTTAACCGCGACAACGTTGTGCTTGACAAAACGGTGTGTGGTTGATATGGTCAACGGT
CGCGCA

>naRXA00862-upstream

AGGTAGTTCCTTGGCGCTTGTGGTTTCCGCCTCTTTACTTTTAAGTGCTTGTGATGGAAG
CGGCTCAACGCCTACAACCTCTGCTAGTCTCTGCTCCAGTT

>naRXA00862

GTGACAGAACTGAAACCGCTAACCCGGTCACCACAACCTCGCACGCCCTTCAGATGCTGCC
CCGTCGCCTACCACTTCAGAGCCCACTGGTTCAGAGTCCACCAACTCCCCTTCCCCCACT
GCTTTGCCGCCGTTGGGTTCCCCGTCGATGGATCAGAAGCAGCAGGCTCAAGTTGGTGAC
TCCGATATGTCGATCGCTGGCATCCGCGTTGCCGAGCACGAAACGTTACACGAGTTGTT
TTTGATATCGCCGGTAATGGCCAACCTGGTTGGTGGGTCGATTGGGCCACTGATCCAATT
CAGCAGGCGTCAGGTCTTCCAGTTGAGATGGCTGGTGATTCTTCTCAACGTCAATATT
CAAGGCACTGGATATCTGTGATCAGGTTGTCGTCCAGGTATCGATACCGGATCATATCCT
GGTGCAGGCATTGTTGAAGACATCAACTTCAACAGTATTTTTGAAGCCCGTTCCCAAGTT
CTCATTGGTGTATCTGGTCAACCCCGAAATTACTCGGTCTCATTTGCTGCAGGAACCAACC
AGGCTTGTGGTGGACATCGTTTAC

>naRXA00862-downstream

TAGCGCTGGAACGCCG

>naRXA00869

CTGTTTATCGTGGCTGCCGACCACCCAGCGCGCGGCGCACTTGCTGTTGGCGACAATGAA
CCCGCCATGGCTAACCGCTATGAACTGCTCGAACGCATGGCTATCGCACTGTCTCGCCCG
GGTGTGGATGGTGTGCTGGGAACTCCAGACATCATTGATGATCTGGCGCGCTCGGACTG
CTCGATGACAAGATCGTGGTTGGCTCCATGAACCGTGGTGGCCTGCGTGGCGCTTCCTTT
GAAATGGATGATCGCTACACCGGCTACAACGTGTCCTCCATGGTTGATCGTGGCGTGGAT
TTCGCGAAAACCCTAGTGCGCATCAACTTGAGCGACGCCGGAACCGCCCGACCTTGGA
GCCACCGCGCATGCAGTCAATGAGGCTGCAGCAGCACAGCTGCCCATCATGCTCGAGCCG
TTCATGAGTAACCTGGGTAAACGGCAAGGTGGTCAATGATCTTTCCACCGATGCAGTTATC
CAATCTGTGCGCAATTGCTGCTGGTCTGGGCAATGATTCTTCTATACCTGGATGAAGCTT
CCAGTGGTGGAGGAGATGGAGCGCGTCATGGAATCCACCACCATGCCAACCCCTGTTGTTG
GGCGGCGAAGGCGGCAACGATCCAGATGCCACCTTCGCATCTGGGAGCATGCACTCACC
CTGCCGGGTGTGCGTGGCCTGACCGTGGGACGCACTCTGCTGTATCCGCAAGACGGCGAT
GTCGCCGCCGCTGTTGATACCGCAGCGCGACTTGTTACACAGATATTCAACAATTCAT
TCGCAGAGCATT

>naRXA00869-downstream

TAAGGAATTTACACACATGTCTG

>naRXA00874-upstream

AGCTGTTCCCTACCATTTGCTGAACGGGAGTGGATTGTCACTTTAGCCCCCTACGGATTCT
TCTGTTTTGATCTACCGCCGATGAAAAGGACGATATGGA

>naRXA00874

ATGAGCATTGGCCAACACATCATCACCGAGCGTTTCTACGGCGCCAAGTCCCACACCATC
GACAACGTAGATATTGTGTTGTCCCGCGAATGTGGCGAGAACACTTTGGCTGTAGTGGCG
ATCAACAATGCGCTGTATCAGTTGTTGGTCAATGATGATGGCAAAGATGTTCTCAACGAC

CACGTAGAAGAGGTGCGTGCAGAGTTTCGGAGCATGGACTGGCAGCTCTGCTTTTCCCATT
 GGCCCTTTTCACTCCACTCGGCACAGAACAATCCAATAGCTCTTTTCATCACCGCCGACAAT
 AAAGCGATCGTGAATACTTCCGCAAATTAGAATCCGGGCAAAACCCCGATGTGGAGCTA
 ATTTCTAAAATTTCTCCTGCCCCAACATCGCGCCCATCCTGGGTTTTTCTCCGCTGAG
 ATCTCCGGGGCTAACTACACCCTGGTCATGGCGCAGCAGTACGTTCCAGGTTTGGATGGC
 TGGTCACACGCGCTGACTACTACCTCTGGCAGCTTTGCAGAGGATGCAGAAAAGATCGGC
 GAAGCCACCCGCAATGTTTCACTGCTCTTGATCGGCCTTCCCTACTCGGGTAGTTCCC
 GTAGAAGCACTCGCCGATGCGCTCACTACCCGCCCTAATGAACTAATCTCCCAAGCACCC
 GAAATCGCCCGCTTCAAAGAAGCAGCCATCGACCTCTACCAATCGTTGGAAGGCGAAGCC
 CACATCCAACGCATCCACGGTGACCTCCACTTGGGGCAGCTCATCAAACCCCGAACGC
 TACATCCTCATCGATTTTGAAGGCGAACCTGCCGCCCACTTAATCAACGACGCCTCCCC
 GACTCTCCCCTGAAAGATCTCGCCGGCATCATCAGATCCATCGACTACGCGACCTACTTC
 GACGGCGAACACACCCAATGGGCCAACGAAGCCACCGCGCTATTCTCGACGGCTACGGA
 TCAATTGAAGACCAAGAACTCCTCAATGCCATACATTCTGGACAAGGCGTTGTACGAGGTT
 GCCTATGAAATAAACACCGCCCCGACTGGGTGAAAATCCCACTCGAGGCGGTGAAAGG
 CTTCTAGAC

>naRXA00874-downstream
 TAGTTAGTTACTCTGCGTCAAAC

>naRXA00876-upstream
 TTGACTATCTCGAATTAGGTGAGGGCTGGGAGCCAGAAATTTTGTGCTCTGATGCTGTTG
 AAATTTTAGAAAATCTCATCAAGGAACCTAAGGGGAATTCC

>naRXA00876
 ATGACATTGAAAATTGATCCCTCGTCCATCAGTAGTGCTGTGTCTCGCTTGAATGAGCTT
 CAGCATCAAGCTATTACTGCATCTCAAGTGGGAATGAAATCAACAATTCTATCCGCGTTT
 TCGCCCGTCTCTGGACTCGATCAATTGGGTTCGGGTACGCGGAATGTGATTAAATGGTGGG
 GCAGGCGCAGCAAATCTGTGCTGAATTCCTATGCCGAACAAATCGAGTGGTTGTCTGCG
 GCTTTGACGGCTTCTGGTGCGGCTTTGACTGGCCAGGATGAATTATTCGCTAGGGGTATG
 GATGTAGCGGATACCGGTGGCAGGGTTGTAGAAGAGTCAGTAATGTTCCCGGCGCGGCCG
 GCACCTCGGTTTGTAGTCTTTTCTGTTTTTAATCCACAGCTGTTAGTCTTCTGTTGCTGTTG
 GATGCGTTGTGTAGTCAGTTTTTCCGGAACCAACTCGGGGGCGGTTTTTGGAGGCGCAGGGG
 TCTTGGGGCTCTATGGCGTGGCTATTAGCAATGTGTGCGGCTTCTGTTGCTCGATTGCT
 GGTGAGATTTTGGCGGAGAACTCAGGCGAAACGTTTGAGCAGGCTGCTGCTCGGATTAAT
 GAGGTGGCGGCTGCGGGGGCGACGTTTGTGTCGAATGCGAAAATGATGGGGGCGTGGTG
 GGGACGCTGAATCGGATTTATATGGGGCATCGCATGCAGGTGTTTATGGCTGCGACGTCG
 ATTAAGGCGATTTTGGATCCGGTGCAGAGGCTTGCTGCGGAGAGGGCGTTTTTGGCGTCG
 TTTACGGCTACTTTTTCAGGCGGATGTGTTGACGGGTATGCCTCCTGTGAGCAATTTGATG
 CAGATGAAGGGGGCGAATGGTTCTGCGGGGAAATGCTCTGGGGATGGATGAGATTGCT
 GGCAGTGGGCGGCGATGGTCTGCGGGGGGTTGACTCCGTCGGGGGCTGCGCAGGGTGCT
 GTCGCCAATGCGGGCAGTATCGCGCCGGATGCAGCGGTTCAAGGTGCTGCGGGGCAGAGT
 GGGGTTGGAAGTTTTGGCACTGTCACTGATCAGTTGGATGGCATCAATATTGGGGATATG
 TTGACCTCTGCTGCCTCAGCTGGGCAGAGCCTTGCGAATGGTTTGGCGATGCCTACTTCT
 ACGCCTAATTCGGCGTCCGGTGCGATTCTTCTCGATGTCTGCGGCATCGCCGCTTGGT
 GCGTTTGGCAGCGGTGCGAGGGTTGGGCGCACAGGGTGGCTCGATTGGATCTTCGGCACCT
 GGAGCGATCAGTAGTCGAGCGGCCGGATCCGCAGGTGGTTCCGTTACCGGGAATGACTGGT
 GGTCTTGGCGCGCCGGGGATTACCTCGGATTCGTTGATGGGAGCTCGAACTCATGGTGCT
 TCTTCCGCGGGAGCTGTGCTCCGATGATGGGTGGTGCTGGCGGAATGTCTGGTGGCGTC
 GTTGGTGCAGGTGTTACTGGTTCTCAGAGCAAGTATGCGCGCCAGACTGGATCGTCCGTT
 GGATCTAGTTTCGAGTCTGGGTTCTGGCCTGGGGATGGTGGGATCAGGGAGTGGGAAGCCG
 TCGATAAGCAATTTTGGGCGCGGCATGATGCCGATGATGCCCATGATGCCCATGGGAGGC
 GCCGGCGGTGGGCGAAGAATAACGGCAAGGTGAAAACGGTGACGTCTGCGGTGGAGGAA
 GACCGCAATTTGGCGGCGCTGCTGGGTGATCGGGGGCCGGTTGTTCCGGGTGTGATTGGT
 GACTGGGTGAGGGGC

>naRXA00876-downstream
 TAACGCAACAATGTGTCTAAGCT

>naRXA00881-upstream
ACCTGACCGAGGAAGCCGACGAGCTGACCCCAACGCTGAAGGTCAAGCGCAACGTTGTTG
TTCGCCGTTACGCAGACGCCATCGACCACATCTACAACCG

>naRXA00881
ATGAGTAACACAGAGACCCCAATTTGATTGGGATGGATCGACATGGACCCGCACCGAAGTC
GGCGAAGCACCAACACGCTTCGCTGTGGGCGTGATGGAGGATTTTCGCTACATTGCAGCC
ACTGGCACGGACGGGGATGAAGAGTTCTTTACTTTGGGCTCAAATCCGGGTCTGACGTTT
GGTGATCCCGAGTGGCTTTTCGCTCAGGATAATCCGCAGTATGTGGTGGAGTGCATTGGC
CAGCAGGGAACCGAGCCGGCAGCCCTGAAGGTTGTAGATAAATATTTGTCGCGACTATCT
GATGAGGAGTCACGTGGCGAACCACGCGGATTCTCAATGAATTGGTCTCGGCGATGGAG
TTGCCGGCATTGCCGTGG

>naRXA00881-downstream
TGATTTTTCTCGGGCTTTAGTGA

>naRXA00882-upstream
AAATAGCTGAGAAATTGGCTAGAGGACGGCTAGCAAACCGGATCAAGACCGGCTAGAACT
TTAGCTACGAGGCAAGAAAAGGAAGGTGTGTTGGAACCGC

>naRXA00882
ATGAGCAGTACAACCGCACAGCTACGCCACCGAGAGCTGACCCAGGAGATCTACAACATC
GGCGACGAGTTCGCTGAATACATTGAGCACATCATGGAAGCAGTCTCCGACTGGGATCTG
GAGCTCGTGGAAAGATTGCCTCGCTGAATTCGATGAGATCATCACTGAAGCCCGCGATGAC
TCCCGCACTGTTGTGGCTGAACTTTCAGGCCTGCGTCACGCACTAACCCTGGTATCCGT
CAGGGCACCGTGAGCGCTAGAGCCACGGTGGAGGTGGACGTCGATAAGCCGGAACGCCTG
ACCGCCTCCGAGCTGGAGCGCGACTTCGATATTGATGCCGGCCTCGTTGATGTACGCGAT
CTGTGACCGCGCTCAATGCGCGCACAGACGCTGTGGTTAAGCGCCTGGAGGCCACTGTG
GAGTGGGTGCTGGCGGAAACTGACAAGGTGGCCAACGATCTGGATTCCCTGTCTCTGCCA
CTGCTTTATGGCCGCGTTGCAGCGGTGATCGAAAGCGCCACCAGCGCATGGATCAACGCA
GTGGGCACCGCAATCCGGCGTATGTGCGCACCATGCGAGGCAGCAACCGGCCACGTTTC
CTGCTTGAGCGTGCCTGATCGACGCTGTCTGGCCCGGGTTGCAGACAAGCTTGCGCAA
AAGCGCAACGCTGTTTCC

>naRXA00882-downstream
TAGAAATCTCGGTGCAGCAAAAA

>naRXA00883-upstream
AATATACACACCAAAAACTGACATGCCCCAAGCCTAGTGCCTGCCCCCTATACATGATTA
ATTGATGTTAAACATAGCGAATTCCCTAAGAACAGGGTAGA

>naRXA00883
GTGCAGGGTATGAAACGGAAGATGGTTCGACGCGCGCTGGCAACAGCGCTTCTTTTGGG
GCTGCACCTGCGCACGCTTCCGAATTGGTAGAGCCACCACAGTTGCAGAGTCAGTGGCA
CTCGATCCCAACAAAGCAATCAATATTCTACCCCGATCTCTGGGAAGACATTGAGGCA
AAACCAGGCGATATCGTCCACATCCCCTACCAGGGCACCCGAAACTACGAGGACCTCACC
GTAGAAGTCGCGAAACCTTTTCAAGATTTCCTCGTGGGACTCGACAACAGCATC
GTCATCGCAGTGCCAAAGAACTTAAGTGGCGCAGCATCAGTCGCCCCAGTTTCACTGTC
TCTGACAAAAACGGTGAGATCGACTCTTTCACCATCAAAGTAAGCGTCGAGCCACGCCGC
CAAAGCGACGAAGAAAAGCGCTCCGCACTATTTGATGTCATCTCTGAGCTTGCCCTACCGC
ATGCCTCATCTGCCATTCTGTGTCAGAGTTGCTGAAGTAC

>naRXA00883-downstream
TAGAACAGTAACGAGAAAACCCC

>naRXA00887-upstream
AAGAAATCCGCAACCATCGCAGCGACAACGCTTCCGTGCATCGGAAGGCGGAGAAGAAT
CCGGTTTCTTTGACAAGCTCCGAAACAAGTTCCGCAATA

>naRXA00887

ATGTCACTGCCAGTATTTATCTCTGATTCCGCAGCCGGACCAGGCGAAACCATTGAGCTC
GCCGGTCCGGAAGGCCGGCACGCCGTCACCGTCAAACGGATCCAGGTAGGCGAAAAGATT
TCGCTTATCGACGGCCGGGGTACAGCGCGCACCTGCACGGTCACCGCCTTGACGGGCAAA
GACCGCCTGAACGCTGTGGTGGATTTGGTCGAGGAAATCCCCGCACCGAACCACAGGTC
ACCATCGTGCAGGCTATCCCCAAATCAGAGCGTTCCGAGCTGACCATCGACCTGCTCACC
CAAGCTGGCGCCGATCGGATTGTTGCGTGGCAAGCATCGCGCTGCGTAGCAAAATGGGGC
GGCAAGGAAGCAAAATCACTGGCTAAATGGCAGGTGGCTGCGGAAGCAGCCGCCAAGCAA
TCGCGGCGCGCAACGATCCCTGAAATTCCTGGCGTAGTGGGGGAGGAGGGCGTCGAAAAG
CTTATCGACGAATCCGACCTGGCCATCATCTGCACGAAGAAGCAACCGCCGCGATCCGT
GAACTGGAATTTCCGGCAACGTCGTGGTGATCATCGGACCCGAAGGTGGCGTCGCGCCA
TCGGAATTTACGCTTCGTGACGCTGGCGCACACACCGTGAAACTAGGCCCTGAGGTG
TTGCGCACTGCCGCCGAGGCATGGTGGCGCTCGCAGCTATCGGCGTGCTGTCTGACCGC
TGG

>naRXA00887-downstream
TAACATTTCTCTGACATAACCTT

>naRXA00889-upstream

TGGTCCGCCACCAACTGGTTGGACACATTGTGGATGCATACGAAGACTATGAAGAACGCG
AGGCCCGCGAATTGAAACGCAAACGCCAGGAGACACGGCC

>naRXA00889

ATGAGCATTGAGGTATTCAACGAATCAGGATACGACGGCGTCAATGAAGAAATGCTCATT
GATGTCTCTCTTCGCACTCGGGGAAATGGACATCCACCCGACGCCGAAGCATCCATC
CACATCGTCGACGTCGACACCATCGCCGATCTCCACGTGAAATGGCTTGATCTTGAAGGC
CCAACCGACGTGATGAGCTTCCCGATGGATGAGCTACCCCCGGCTACTCCCGCCCCGAC
GGCGCCACCCCGGCCCCGCCATGCTGGGCGACATTGTGCTGTGCCAGAGTTCGCGGCA
AAGCAAGCGACCAAAGCAGGCCACGACTTAGCCCCAGAGCTAGCTTTGCTGACCGTGAC
GGCAGCCTGCACCTGCTTGGCTACGACCACGTCGATCCAGCCGAAGAGCGTGAAATGTTT
GCCCTTCAAACGAGCTGCTTGGCGATTGGTACGACAACGTCGAAGCCCGTGGCGTCACC
TACCAGCCAAAACCATCCGGCGCCGGTGCAATCCCCACCGCTGCTGATCGTCTGGAATTG
GACGAAAAGATGGAAGCGGATGACTCTGGCTTTGGAGGCGTTGAGTCC

>naRXA00889-downstream
TAGGTGGAATCCTCAGTTATATG

>naRXA00893-upstream

ACGCCAACGCAGAGTGTTTAAAGAACTGGCAGTTGGAAAGCTGCAGTTGATTTAGCCTG
CGACGAACCTCAACGACCTCAAAGCACTGGACTAAATAGCT

>naRXA00893

ATGGTGGAATCCCAACACATCATTTTCATCCCGGAATCCCAACAAACACCCGACGAGTTT
ACCGAGGTAGTCAACGAGATTCCCGCCGGAATCAAACCACGGATCGTACCGTGAGCGGT
AGTGTTCGCGAGGTGTGACAGGCTGTGGAATCCATCCTCGACCGTGAAGAAATCCGGCGC
GTCATCCTGGTCGGCGCTGGAACCGGAGCTGGAGTGGCGTTGGAATTGCCAAGAACCAA
CCCCGCCGCTGGAACGCCTCGTGCTGGATTACCGTTGGTGACCTTTGATGAGAAACAA
CTCAAAGGCATGAGCACCACGACTGAAAATGATGCCAGGATTCTTCTCCGAAAGAAGAAC
AAGAAAGACCTCCTGCAGCAGGTAGAAGAAGCCCGTACTGCAGTTCCGATGGGATTTCC
GAGATTACCATGCCGACGTTAATCATCCGAGGCTCCGCTGCGAAGGCTGGAATTGATTCT
GACTTGGA AAAACAAATCCCGAGCGCTCGGGCTACCACCATATTGGTGCCAATTGGCTG
ACTTACACAACGCATGGACGCCAAACTGGTGCTGCGATTGCGGAATTCCTCGCCCAA

>naRXA00893-downstream
TAGAAGGGCACGCCATAACGCCA

>naRXA00895-upstream

GTCGCGCCGGAAAGATAGACTAAGCCACATGACTTCGGACATGCAGAATTCTCCACAGCA
CTCGGCCACGCCTTCAGAAGAAAAACAAGGCGGACTGCCC

>naRXA00895

ATGCGCGGTTTGGCCATGATTTTGATCGCCGTGGCCGTATTGCTCGCAGCGTGGGCACTG
TGGTCAATGCAGGGCAAAGACGACACCTCCACCACCAGCGCCGGACAAACCCAGTCCACG
GAAACCAACGCGGGAACCTATTGCTGAATCTTCTGGCTCTTCGGATTCCGAGCAGGCATCA
GCAGAACCTGGAACCTCCGAAGAAACCTCTGCTGAGCAGCCAGCTGCAGATGGCGAAGCC
GCTAATGCTGCTGGGGCCGCTGCTGCTGGTGGCGCTAGTTCCGGCTAACGGCAACTCCACC
CCAGTGAACACTCTGTACGTGCTCAACAACCTCCACCGTCCCACAACCTTGCAGCAGAGTG
GCAGACAGCCTAAGCGGTGACTACCAAAAGGTAGAGTCCGGAAACCTTCCAGACACCATC
ATTCCGCAGAACACTGTGTACTTCACCGCTGGAAACACCGAAGCTGAAAAGGCTGCACGT
GAACTCGCTGACCGCGTCAGTGGCGTAGCAATGGAACGCAGCGATGCACTGCCAACCGAA
ACAGAAGGCAAAGATGCCTCGTTTTGGTGTGGTCCAAGACGTAGCGCTG

>naRXA00895-downstream
TAGTTTTCTCGGATTGTGGAA

>naRXA00904-upstream
AAGCAGTGCAGTACCAGGCTGGAAGTGTGGACAACA

>naRXA00904

ATGATTAATACCATCCGCTCCGAATGGACCAAACCTTGTCACCACCAAATCCTTCTGGTGG
ACAACCGCACTAATTCTGGTCTTCAGCCTGGGATACGCAGCGCTCACCAGGATCACTCGCC
ACCGGCGAAAGCTTTGCATCACTGTTCTTCTCGCAGGCAGCACAGTCACCGGCTTTAC
CTCCTTGGCTTCGTGGTGATCATGATCCAATCCATCATGATGTTACCACCGAATTTCA
TTCGGCTACCAAACCAAACCTTCTCGCCACACCAAAACGCTGGGTTGTCGCCGTTTCC
AAATGGTTGCTGTACCTCGTGTTCGCCGTAGTGTTGACCTTCATCACCGTGATCTGTGC
TTCTATCTAGCCAAAGCCCTGGCATCAGACACTGCAAGCTCCACCCTGGTGGTGTGGGAA
GATACGCAAGCAGCAGCAATCATGTGGCAATACCCACTGGCAGCAGCACTATTGGTAACT
TTCTGTTCCGGAATTGCGCTCCTGCTGCGTCAAACCTGCAGGAGCAGTGGCACTGGTGCTT
ATGTGGCACTTCGCTATCGAAAACCTCCTGTCTTTCTTGCCACGCATCGGCGAATACGTC
GGCAAGTATGGTCCCTTCACCAACCTCTACGCATTTCATCACCGACTATCAATCAATTGAT
CCAGGATGGTCCACCACCATGGGAGCGGTGTACTTCGGAGCGTGGGCATTCTGTGCTGTT
GCACTCGGAATCGTCGTCTTAGAAAAGAAAGACGCC

>naRXA00904-downstream
TAAAATGCCCTCTAAAATATCGC

>naRXA00908-upstream
TCGGTCTCCACCTAACAGGATCCTTCACACCCTTCTTTTCAATATCTAGAAAAGACCGA
TCCGCCAACATCTTTTCATGACGCAAAGGACCGTGTC

>naRXA00908

ATGTCTCTCTACACCCGTACTCAAATACCCGTCCTCCACCATCATCGAGTTCCGCCGC
GAGCAGACTCGTAATCACACGATGGAGCCAATCCAGTCCGAGCCACGGATCTACGCTGAC
GATCCTTTCCGTGACGCTTCGGACACCAACTCCCCGCGGACTTCGCGAAGAAGCACGC
GGCATGGAATGGCGCACCTTCACCAACACCTACGCACCAACCGGCAACCTGCGCATCAGC
AACCTCGAGTCCGAGGCACGCCGCGGAGGAATGTTCCACTTCAACGCAACCCTGATCAAC
AACTGCCAGGGCGAGCGCACCAACACCGACGCTCACATCATGGCAACCGGCCAGTTTCC
GCATGCACCAACTTGCTTGCCGACGCCGCGCTCGCGTTGAAATCCTCGAATTCCACCAA
TTCGACATCTTTGAAGCAACCGTCACCTTCATCTACACCTGCAACAACGTTTCCCGCACC
TGGGCAATGGGCTTCGGCGGTACCCCTGAGCAGTCCGCTGCTTCGCAATGAGCTCCGCA
GCTCACTTGCTCTACGGA

>naRXA00908-downstream
TAGGTTGCAATAACATTCATTCC

>naRXA00915-upstream

CTTGGCTGCAGGTCCACCATCAGCACAGGTCTTTGACATGAACGTAGCTCGCCGCGACGT
TTCTTCAGGACCTTCTCTACCTGGTGAGGGTGAGTTCTAA

>naRXA00915

ATGTCCGCCGCTATTTCGCAGGACACCATTTTGACGGTGTTTCTGGGGAGGGGTCTGACC
GCTGAAGGGATCCGACAGACCCTAGAAGACTTCGCAGAAACCGGCCCTAGTCCGCAACCTG
GTGTGGATTGATGCCGATAGTTTCCACGAGTCTTCATCTGAAGTCACCCACTTGGCAACC
AACCAAGACGGTCTTCCGGAGCTTCAGCGACGACCTTCAATGAGTTGGTGTCCCGGTCA
CGAACCACCAAGCTTCACATCGGTGTCATCAACGTCATTGATGGCAGCGAAGGCATGCTT
CATGCAGAAAGAACTCAACCCATTGGTTGGGATCATCGACAGTGTCTGTTCACACCACCAA
ATTACCGATCCAACGTGATGATCGGTGCGGTGGCTGCCACACTTGTATGAGGAACTTCCA
ATTCTTCGTGGTTATGTGAACCTGATGCTGGCACCTGAAGATAGCCACAGCCCAGGCACC
GCAACAGTGACCTACCGTCATGGTTTCAGC

>naRXA00916-upstream

AGCGGATCCAACGACACAAATGGTGGATTGGTTCCAGCGGGCGCTTCGGCGCGCGATAA
CCTGTAACCTGCGATTAAAACTAACTTAAGGATTTACAC

>naRXA00916

ATGAAGAAAGTTCTCGTTGTGGCTGTGGTGGTTTCAGGTGCCAAAACGCTCGCTTATATG
ATGGACCAGCTCAAGACCACCCTGGCGGATAGTCTTCCCGAGCGTTACCCAAATCCAAAG
GAAGCAAAACTTCCTGGTGGTGGCAGTTCTGTGCGGTGGATGTTCCGACCTCCCCAGAA
AGCCCCGGCCGAACCTTCCGAATGTTCCAGAAGCCGGTGGACGTTATATTTCTGTGGT
TCCTCGGATCGCTATGCCACCGTTGATACTGCGGTGTCCAACCAGCTCTCCTCCAGGGGC
GCGTTGGGTGGCGTTTCTTCATGGGCGCTTCGAAACCCTGATTCTGAAACCACCCCAATT
AGTAAAGGTGCGGGCCAGTACCGCTCCATTGGCCGTATGTTGATCCTGAGCCGACTTCAG
GAAATTCAGGTGAATTACGTAAATCATGGGATGTGTTGTTTCAGCGGTGAGACTGAACGT
GAGCTCGCTGACCTTCGTTCTGCACTGTATGGCACGTCTGTTTCCAGTGGTGAAACCTCT
AAAGAGCAGCCAATTATCTTCGGTGTCTCCTCCATGGCTGGTGGCGCCGGTGCTTCGATG
GCTCTAGATATCTGCCGCTGCTCACCGGTCTTGAAGGCAACGCAGTGGGTCTGAGCTCA
CTGTTTATGGTGACCCCGGATATCTTCTCCAGCTTTCAGACAGCAGGTTGCCGGAAT
AACCCTAACGCGCTGGCCATGTTTGGCGAGCTCGCAGCAGCACAGATGGGTGCAGCTTCC
GAAGAAGATGCCCCACTGTTTAAACGCTTTGGGTGTTTCTGTTGGCGATGACTCCATCCCA
GTTGGACGTATCTTCCAGTGGGTATTCGCTCCGGTGAAAACGGCGCTCTGCTTGGTGAT
GGCAAGCCAGATACCGTCTACCGCGCACTCGGCCGTGGCCTTGCAGCTCTGATGGCTGAT
GAAGTGTCCATGGACAACCTTCAGCAATTCACCTCGGCAACCGTGGTGGCGGAAGTGCC
GATCAGAGCAAGTACGCATGGGGTGACAGGAAGCTAAGAACATTCCGTGGGGCAGCTAC
GGCTACTCACAATATCCATGGGTGCTGATCGCTACGCAGAATACGCCGCCAGCGACTG
GCACGCTCTGCCGTGGATCGTCTGCTCAAGGGACACTTTGATCCAAGCAATGATGCGGCC
TCTGACCAGCAGCTTCAAAAGCGACTCGAGAACAACCGTCCATCGCTGATGGCAACCTC
AGCGACGTTTTTGCCCGTCAACGCGCCGGCAGGGGACTGGATTTTCCATAGTTTCAACCAG
ATGATTGAAAACCTGGACCCAGCGTATGAAAGCAATCATCAAGAGCCAAATTCCTGCAGCT
AATGGCCAGCGCGGAAGTGAATGGCTCGGGGATGTCCAGCGTGCTTTCCAATCATCCAGC
CAGATGATTGATAATGACTCCCGCCATGAGCTCTACATGGGTGTGCGCGACTGGGCCAGT
GCTGATGTGTTGACGCGCCGAGTAGTCGAGTTGCTTCGTGATGAGATCGCAAACTGGGC
GTTCTTACGGCGTCAGCGTGATCGAATCTCTCAGCGCCACAATCCAAAACCAACTCATC
GGACAGCTTCTGATCTGGCAAACAACCGTGACCTGAGGCTGTTCAACTAGACGATGTC
AGCCGCAGTGAACCTGGACAACAGCAAGGGCAGGATCGACGATTCTGACAGCTACATCCAG
GAAATCGTGTACGATCCACTGGTCAACTACACACCCGCGCAGTGCAATACATTGCGGAC
CACATGGCTTCGTTCTGGACGATTTCTCAAAAATTTTCATCTACCCACTTCAGCGCACC
ATCCAACGTGAGCACCCTCCCTAGAAAAGGACTACCAGCTCACCACGATGTGAACCTG
GGAATCTCCAGCTGAAAACCAACGTTCCAGCACTGTGGCCAGATGAATCTCAAACCTACC
GTCCCGTCACGTTTCAGTCAGGCAGCCAACGAAGTCTTCTGACCGATGTGCGCTCCTTC
CCGGAGCAGTTCCAAGCACACGTCCGCTCGTCCACCGATGACATCAACGAACAAAACGAT
TACTCGAGCGCCCTGCAAGAGGCCTCAACTCGAGTAGTCAGCGGTGTGTGGGAATCCAAG
TCCGGCTCTGAAAAGCACCACGCGATCTCATCCGCTCATCGACGTATGGGTGCGCCGT
GACCTGACCAGGGATCCGTCCGGTTCGGGAAGCCTCCGCGACCCTAAGCAAGCACGCTTT
GAGCTGAAGATTGATACCGGCGAAGTACTCGAGCGCTCCCGCCAGTACATCCGCGCCCT
GGTTTCTCCTTCCAGCAGTTTCATCGCCAGCTCACTGCGTGAATTCATCACCGCGCCGGC

TTGGCAGACCACGAGCGTCGCGCGCGCCGTCAGCAGGTGCTGAGCAAGTTCAGTGAGGCA
 ATGACCTACGCGCTTCCATTGGCTCAGATCAACCCTCAACTGGTTCGTGCGCTTTACGGC
 GATGAAGTCCGCTACAACCTTCAACTTCTCTCGCATCCCATTGCGCGCGATGAGCTTGGA
 TCCAGCCTGGAACAGGCAGTTCGTGATTACCCGAACACCGACCAGCAGATATTTCCAAG
 CCACTGGGCAAGGCTTTGGTCTCCCAAGGTGAAGAGCGTTCATTGATATCTTCGGCTCT
 TACCCCAACTAGCGCGCGATCGTGTCTTACTCCCTGCTGCTTCCAATCGAGAAGCAGTGG
 CGTCAGATCACCGGCGATCGCACGGAATTCTGGCATGGCCGCGTACTCGTCCTTTGACT
 GCTGCACTTCCAATGACAGACCTAGAGCGCAACGCCATGGTCAAGGGTTGGTACATCGGT
 CGTCTGGTCGGACGAGTATTCTTCCCCGCAACTCTAGACACTGCGGATACCACTCCAGTG
 CAGATCTACGATGAGAAGTCTGATTCTGGATCAACTTCTCCACCCCAATGCTCACCCCA
 GTGTCCCGTTTTCGTGGAAGCCTCGATTGGCTGCCAAACCTTCTGGAATCAGCATCATTG
 GCATGGGCACGGGCGAGCGTCTGTCTTTGAATCCGTCGAGCCTTACATCCAGCTC
 CGCCAACGTGTTGGGATGATGCTGCGAGCCCATCCTTGCCAGGACGCACCCCGCGGTGAG
 AAGCTGCTGCACGATTGGCTTTTCGACGGCAACCGCATGGCTGGAACGTCCTCCAGATC
 CCAGGAACCGAAGCTGGTGTCACCCCAGCTGCACGTTTTGAGGCTGCGAAGAACTTCTTG
 CAGCGCCAGAACGAGATCTCGAAAATTACGTCCCAAGCGACAAGCTTCGCCAAGGCCGT
 CTGTTACACCGCTGATCGTCCATTTGGCGACGTCAAGGATCGTGAAGTACGAGCACAG
 ATTCCAGTGTGTTGCTGACCTTGCAGCCGATGTTTTGATGGCACCCAAAGAAATCATCGAC
 ATCCTGGAAAAGTGCTTGGCTGCAGGTCCACCATCAGCACAGGTCTTTGACATGAACGTA
 GCTCGCCGCGACGTTTCTTCAGGACCTTCTCTACCTGGTGAGGGTGAGTTC

>naRXA00916-downstream
 TAAATGTCCGCCGCTATTGCA

>naRXA00917
 CAGCTGAATATGCAGCTGGTGGGCGGTGATGGTCAGCCACGCATCCTTGAGGGGTCCGCG
 CTGGTCGATCTTGGTTTCAACCGCGCAGATACCGGCGAGTTCGCCCCCTTTGGCTCAAGGA
 ATTGATATTTCTGGCGGCAATTAAGCTTCCCGCTGGATACGATTTTCGCAGTCCCAAGCC
 ATCGGCACGGTGAAGCGCGTACCACGATCACCAACCGCAGGCGTGCATGATCTCCCCGGC
 ACCACGTTGAGCCCAATTCTCAACACCACGCGCATCACCATCACTCAGCGCGATATGCCT
 CAGCTGCCAGCGTCGGTTCGCTTTCACAGCGGATGAGGACGTTGTTACCGTAGACATCCCC
 ATCACCGGCCCGGCAAGGTATGGATTGCACCGGAACCCAGCTCAGCGGAGTGCTTCCA
 GACGGCGTGGACGCGATTGCAGCATCAAGTACTTTCGACAGCCAGATAATGCTTTGGTG
 CTCGGAATGGATGAGCAGGGCACGATTCTGTGAACTAACCGTGAGCGATCTTCGTGAC
 GGACTGGTCAACGGCTCGATTCCACTCCAGATCTCCAACGCTGAGGGCGCCAATGAAACC
 AGCGTGATCTGCCGACAGAAGGCACGTTGAGCGTTCCTTAAACGCTCCACTTTTCGCA
 TTGGCATTCATTTGGCCCTTGTGCTTTCCCTCCTGATTCCGCTGCTCATTGTTATATT
 GTGCGTTTCTCTCCGCAAAGGTTCCGTCCTGCGATGAGTGGCGTGCGCATTCAGTG
 GAATTCTCCGTGAAGCTCTGCGCTATGCGGGCAGCACTATGCCTGATCTCGCATCGCAA
 ACCACCGCCACCAAGCAGGTGTTGTTTCATGGAGACACCTTCAATGTGGAAGGCCACAAA
 CTTAAAGTCCAGCGTTCCAGCTGAACCCGATTGCGTCTCCTGCAGTGATCGTGCAGACC
 GACCCGTCGATCAGCTTCGACGGCAACAAAAGGGCACACAAGCTAAACTCCCGCTGGCG
 GTCCAAGGCAGTTGGTTCTCACTGCAAGCGGCGCTGACCCTTCCAAGATGGAAGTATC
 GCCCTGACAAACCTGCCGCTCGAGCAGGGCCAAATCGACCGCATGATCGCAGGTATCACC
 AGCAAAGCCCCTGATAGGGCAGCGAACTACAAAAATTGCTTGACGACGCGCGACCTCC
 CAGCCCGCAAAGGTTCCACCGCGCGCCCCAGCCGCGCAGGGCCACGTCGAAAAGCAAGCT
 CCTAGTTTTGGCACTGGTTCCGGTGGTGGTTTCGGCTCCAGCAATGGTGGAGGCTTTGGC
 TCCGGTAGCGGATCCAACGACACAAATGGTGGATTGGTTCCAGCGCGGCTTCGGCGCG
 CGA

>naRXA00917-downstream
 TAACCTGTAACCTGCGATTAAAA

>naRXA00921-upstream
 TCTGGGAACGTGGATTGGTGAAGCAGGTGAGTTGCCCCGTGGCCTTGAGATGGACTCATG
 TCACCTACGCGTCTTTAGAGGAAGTGCAGGTAGGGGTGG

>naRXA00921
 GTGGAAGGTGGAACCTGGTCTGCTCAGGCCACTAAAGAAGACCTCCAATTTATCGCGGAG
 GTTGCGCCCACTCATATTGAAACGGTGACCCCTTTGATGATTTTCATCTCATCAGAAGAT

ATCGATGCGTTGCCGAGGAGGTTTGTAGTACCGTCCTTTGGCAGGCCGATCGTTGATCATG
 CAGTCTGTTCCCTGCAGGTAAAGATGCCACTGGACGTCCAGGGAATGTGTTACCCCATGCA
 GTATTTGATGGGGATCTAGAAAGCCCACTGGAGTCTGTTTATCCCATTTCCCTGTACCGT
 TCACCTGATTTGCTGACCCCTTTTCGTGCAGCCGCGGTCAACGCTGCCGAGCTCCCTTTG
 GATGCAGGCCGAGCCGAGAATTGGCCCCATCACTGATCTGTCTTGTCTGGATGATGATC
 GACAGCATGTTTGGGGATGGCAGACAGCAGTTCTACCAGCTTCAAGATGCTCTCCAAGCT
 GGAGATAAAGCTACTGTTTTGGTTCTGAACAGCACTAACGAGGCAGCATATTGGCTTCAA
 GCGTTGTCTTCTACATTGACTCCGAATGAAGCCCGCGTCTGTTGCACTTCTCAACCTTT
 GAGCGTGTCTACCTTGCCAGCTCCAGATAAATCAATGGAGGCTCGTTCTCTGTTTGTG
 GTCCAGGAATTGATCGTGAATTGTTGGCGGAGCATTACAGGATTGTGATTATCGATCCG
 GAGATTCCACAGAGCCAACCTTTTCGGCCCGCAGGGATCCTGGTCCCGAATGACAGAAGGG
 CTCTTCTCCGACGGTTTTGATGCTGATGAACCTTGTGCGAGGGCTGATTCGTGCCAACGAG
 AACCTGGATAATAGCCAAAAGGAACCTCGCTCAATTTGGAGACGGTTTAGCGCGATTTATC
 CGGAATGGCCGTTTTTCCGGCACGCACCCGCTTCGCGTACTTGCTGATCAGCATATGTTT
 GGAAAGGTGCCAGACAAGCCAGCACCTAAGGTGGAGCCTGTGCTCCGGCACCAAAACCC
 AATGCAATTTGGCGCGTGCATCTGAGGTAGTTCACAATCCTCGGAGAGCATCAGAATCA
 CAAGATTGGCCAAGTCTGAGGCGATTGCCGGATAGTCCGGCAGGATCATCAATATGTCA
 GAGCAGGCGATCAACAGCATTGAGAAGCTTCATGATTCCGCCGCACAGGATCTTGTGGC
 TATTTGGATTTCCCTTTTGAAGCTGAGCTTGGCACAAGCATTAAATGCTTCGGATCCCTTT
 TTTCCGAGTAGTTTTTCCAGACTTTCCAGCGATGGACAAGTGGCGACACATTAAGTTCACC
 GAGGATGCGCACCTCGCTTGAGGGAACCTACTCGTGGACGACAGAACGCGATGCTAGGAAC
 AGAGCACCTGCCGAATCGTCTTGACCATATCGTTCGCAACTTCAGCAGAGATCGGTCT
 TTGCCAGACATCGAAGACTGGACGAGAAGCGATGAAGCTCAGCAGATCTTGCAGGAATC
 ATTTGCGGTGCGTCTGTTCAAAGCTGGTAGAAGCCACTTCATGTGGGATCTTTTGCGGGCG
 TATTTTGGAGTCCGTTTGTATCGGCGACGAAGATACCTACAGGGCTTTTACTACTCTCACG
 GTCGATTCTGTCTTAGTTTTCGTGCAGTTAACTCTTCAAGAGGGCAGAACGGAAGACATT
 AGACGATTCGAGAAATATGGTGAGCAGATTGCCCGAGAGGATTGGCGTCGATTCTCACC
 AATGCTCGAGCAGTACAGCAATATCTCGGCTATATCGACCAAGATATCATCAATAAGAAA
 GTGTCCCGGTCTAGGGATGTTAACCAGATTTTACTGAGATGGCGCGCGCTATCATCAGA
 GCAATTAGCCGAATAATATTGGAAGGACATGCGGTCA

>naRXA00921-downstream
 TGAACGTGATTGACTGGATTCC

>naRXA00926-upstream
 ATGGAGACACCTGGGGCTGGAACCACCAGAAGGCACCATCGGCGATTATTAGCCACCTTA
 GGTGGCCAGGATGTTCCATGGTCTGGCAAACCTAACTAACC

>naRXA00926
 ATGGACATCGTTTTCTCATAATTCTTCTAGCCATTTTATCGTTCCCACTTTCTCATG
 AGCCGCGCGCAGCGCGCACGGATGACTGAAATCCAAAAGCTGCAGGACTCTGTCTGCCA
 GGCGACCGCATCGTCAACACCGCGGGACAGCAGCAACGGTCATTTCCACCACTGCAGAA
 ACCGTTGATCTAGAGATCGCGCCGGGTATGATCAGCACTTTTGAAGGCTTGCTATCGTG
 CGTGTGCTGTCCAAGGCCAATGAACCTCAGATGTTGGATGAGCCGACGCTGTTTGATCAG
 CCAGAAGACGATCAGCCGAACGATGGTTTCGATGGACGCACTGACGGACATCCTGAGAAT
 CGT

>naRXA00926-downstream
 TAGAAATTAATAATAATTACAGCA

>naRXA00930-upstream
 ACGGCGCACACACATTTGGTGGTGTATTGAGCTATCTCTGGGCTGCGTGAGAAACCATT
 TTCCGGTGGATGATGGAAGCTAGACGACGAAAGGGAGCAT

>naRXA00930
 ATGTCTGGCCACTCAAAATGGGCGACTACCAAGCACAAGAAGGCTGCTAACGACGCCAAG
 CGAGGCAAGGAATTTGCCAAGCTGATCAAGAACATCGAAGTTGCGGCACGTACAGGCGGT
 GGAGATCCGTCTGCGAACCCAACGCTTGATGACATGATCAAGAAAGCCAAGAAGGCTTCT
 GTGCCGAACGATAACATCGAACGTGCACGCAAGCGTGGCTCCGGCGAAGAAGCTGGTGGC

GCTGACTGGATGAACATCATGTACGAGGGATACGGCCCCAACGGCGTTGCCATGCTTATC
GAGTGTCTGACCGACAACCGTAACCGCGCAGCTACCGAAGTTCGCACCGCAATGACCAAA
AACGGTGGCAACTTGGGCGAGTCCGGTTCCTGTCTACATGTTACCCGCACCGGTGTC
GTCACCGTACAAAAGGGCGATCTTAGTGAAGATGACGTGCTCATGGCTGTTCTTGAAGCT
GGTGTGAAGAAGTCAACGACAACGGCGATCTGTTGAGGTTACCTGCGCACCAACTGAC
ATTCAGGCTGTTGCGCAGCAGTCTGTTGGAAGCTGGCATTGAAGTAGAAGATTCTGAATCA
GACTTCCGGGCATCTGTTCAAGTCCCCCTGGACGCTGACGGTGCACGCAAGATCTTCAAG
CTTGTGGACGCGTTGGAAGATTCCGACGATGTGCAAAACGTCTACACCAACATCGACTTG
AGCGATGAGGTTTGTACAGAGCTGGAACACGAC

>naRXA00930-downstream
TAGTTCGTATTTCCGCACTCCG

>naRXA00932-upstream
CCCAATTAATTTATGCACTTCGGTGAGGTTACTCACAAAGAGTAGCGTGCAAAGCCCAGC
AATAAGGTGATGTTTCAACGATTAGGTTACGGTAGGGGCC

>naRXA00932
ATGACGCCACAGAACTTCACCGTTTTGCAGCCCTTTTAGAAATGGGTACCTGGACCCTG
CTGATCATCGGCATGATCTTAAAATACAGTGGAGTGACAGACGCCGTAACCCCTATTGCC
GGCGGTATCCACGGCTTTGGCTTCCTCTGTTTGCAGCCATCACCATCACCCTGTGGATC
AATAATAAGTGGACATTTCCCGCAGGGTATCGCAGGTTTGATCGTCTCTGTTATCCCGTGG
GCTGCATTGCCATTTGCATTGTGGGCAGACAAGAAGGGCCTCGTTGCCGGCGGATGGCGC
TTTTTCAGTCCGTCGAAAAGCCACACACTTTCTTTGACAAGATCTTGGCTCAATTGGTC
AGGCACCCAATCCGATCCATTTTAATTCTGCTGGTGATTATCGCCGTCGTCTTCTCTATC
TTGCTGGCGATGGGACCACCTTATGATCCAGATGCCATCGCAAACACTGTGGAT

>naRXA00932-downstream
TAAACAACAGCCTCCTTCACATG

>naRXA00933-upstream
CCGCGGGGCTAAAGCGCGCAAACGCCTACGACTGGTCGACAGTATCCACCCAGGTCATGG
CAGTCTATGAAACCATTTGCGATCGACAAAGTGAGGCTTGG

>naRXA00933
ATGACCCCTGTTTACCTCCTCATCGCTGTCGTTGTACCCGCAACTGTTCTGTGGGCGTAT
TTCACAGCACAAACGCTCAACCGGCTCCACATCCGCACCGACTCAGCAAGACAAGCCCTG
CAAGCAGCACTGGATCGCCGAGCAGCACTAGTAGGTGCGTTGTTGCCCGATGCAGCAGAA
GCCTCAAAACGCGCTGAGGCAATTCCCCCTGGAATACTCCCGCTTCTCCCAACGCGCCCGC
GCCGAACGAGAAATCTCTGAACCTCATCTTGAACAGGGGAAGACCCTTCCAGATTCCATC
GTGGACGCTGCCACCCGCGTGGAATTAGCCCACCGCTTCTACAACGAAGCCGTCAGTGAC
ACCCGCGATCTTCGAACCCGATTGATGGTCAGATCCTTCCGACTCGGCGGCACCGCACCC
TTGCCGGAGTACTTCGAACCTACTCGATACAGATCTGCTGACT

>naRXA00933-downstream
TAAATGTAAAAAGCCTCCTTCA

>naRXA00940-upstream
TGCTCAACGGCACGCTGAAGGGCACGGACATGGACATCATCACGGCAGGCGACCCGGACG
TGGTCGCGGTGGACGTGCTGGCAGAGGCGATCTGCGCAAT

>naRXA00940
GTGATTTTGGTGTGCTGGAAGCTGAGTCAATGCGCGGCTACCAGATCATCACCACCATC
AGTGAGCAAACAGAAGGTAACTGGACTCCAAGCCCAGGAACCATCTATCCAACCTTGTC
ATGCTTGAAGATGAAGGCCTGATTTCCATCTCCCATGAAATGGGCAGAAAAATGGCGCGC
CTTACAGAAGAAGGCGCGCAGGAAGTGGCAAAGAACAAGGATGCGTGGGGATCAATTCTG
GAGGCTTATCGCAATCCAGAATCCCGAGAGGTGCGGGTGTTTAACATTGCTCTGAGTTT
CACAAGGTGAGGAAGCAGCGAAAGCTGCTCCCGACGATAAAGCAGAGCAAATAATCGAG

ATTTTAAGGAGAGCAGCAGATGACATCAAGAGACTA

>naRXA00940-downstream
TAACCCAGTACCATGCAGCTGC

>naRXA00943
AAGCCTGGCGTGAAGTGGCGTGCAACCAATGCTACAAAGCGTGGCAAGAAGCAGCTGCAG
CAGGCACCTTCAACCAAATCTGAGACTGAAAAGTTCCGGTGAGAAGGCCTCTGATTGGTTT
AACGATACTTCTGACAAGGTCACCGAGTACCGGTACACCGCTCAGGATTTTGTGCGGTGAG
AACAAGGATGACTGGATCAAGTCCGCAACCGAGACTGCTCACAAGGTCGCTGATACTGTG
AGCGATTACGCTCACAAGGCTACCTCTTACCTTGAGGAGAACAGCGGTGACTGGCTTGAG
GCTGCGCAGGCTAACGCCAAGACTGCTCGTAAGTCTGCAGTGAAGGCTGCCGGCAAGGCT
CACGAAAAGGCTAACTTTGCTCTTACGGTCGCAGAGGAAACCTCTGGTCGCGCCAACAAG
AAGGCACTAAGAGCTACGACAAGCTTCAGAAGCAGGCTGATAAGGCCATCGATCGTGCA
CAGAAGAAGCTGAAGGGCATCGAACTT

>naRXA00943-downstream
TAAGTAACTTCTTCTGATTGAG

>naRXA00946-upstream
GGGCCGGTGTGAATAAAACACCTTCCCCAAATAGACAGCATGGTCTAGATTAGCTTGAAA
CGAAAGCGTACATTCGCAGCAACTAACGGAAAGCACACTC

>naRXA00946
ATGACTCACACTCTGCAGGCAACTAATCCCCCTTGATCAAACCGCTTGGCACGCTTGGCAT
TTCTCCCGAAACAAAGAGGCCATCAGCCGCACCGGCGCCACCAGCCTGAGTGCCACAGAG
TGGATTAGCGCCACCACACTCAAGGACGCGCACACTTTTCTTCACTTCCCGGGCGATGG
TATAAACGAGGCGCGGGGTAGTGGGAGCACATTTACCACCAGCTTTCGCAACAACCTGGA
ACGGTGCAACTGCGCCCCGGTGAGCTCTTGATAGCGGAAGATTTACCCCTCACCGTCATT
GAACGGCTTGGACAGTTTGCACTTACAGTTTTTGTATGCACGCAATCCGAAGCGTTTTGAA
TTCCACTCCATCGCAGCTTTCCCACCGTCCGAGGAATGGCGGATTGAGGCTCGCTTCTTC
CCGGAACCTGACACTGTTAACACCGCTGCAGCTGATGGAGTTATCGTTGCCACGCCTACT
GCGGGTTGGGTGCACTTTTTGAAGGGCCGTCTGGATTACCGTCTTCTGTAAACCGTTCAG
AAAAATAATCTACGGGCACTATTTAGCGACAATTCCTCGACGTTGGGCGTTTATCAGCAT
CGTTTTGTGACATCCCACGCCCTGATGCCGAGGGAAACACCATCATTGATTTCAACCGC
GCTTATCTTCCCCAAAGGCATTGAACCGAAAGTTCCTGTGCCCATCGCCAGCCTGAAC
AACCACCTCAATCTACCGTGGAGGCAGGGGAGAAGTGGGTGGTTGCTGGAGGA

>naRXA00946-downstream
TAATACTTGCTAACCGTCCTAAA

>naRXA00949-upstream
GCTCAAGGATCCTTCTGGGCAAACCAAGCAGCCCTCGCACTAGGTGCGGAACCCAGGTA
TGTTACCAATACGACTACGTACTTTAAAGGAGAGTTGAC

>naRXA00949
ATGAAGTTTTTCATCATCGGCGCTGCGGGTGGCATCGGCAATCGACTTTCCAGCCTGCTT
CACGCCAGGGGAGATGCAGTTAGCGGCATGCACCGCAATCTTGAGCAGGCCTCAAAAATC
ACAGCACTGGGGCAACTGCCGTACTCGGGGATCTCATCCACAACAGCACGGAGGAGCTT
GCGGAGCTTTTCCGCGGTACGATGCCATCGTATTTTCTGCAGGCGCCACGGAACAGGG
CAAGAAAATACCAGCTTATCGACGCGCGCCGCTCCGTAAAGCCGCCGACGCTGCCAGC
GCGGCCAACGTTTACGCTTCATCTTGGTCTCTGCGTTTCCGGAATCCTCCCGCGGGGAG
AACACCACCGAGAACTTTGAGCACTATATGAAGGTGAAGAAGTCCGCCGATGTCTACCTC
AGTCACACTGACCTAGACTGGGTTATTGTCCGACCAGGCGTGCTTCAAGATGAGGCAGGG
GATGGTTTTAGTCACTGCTGGCTTAGCGATTAATTACGGCAATGTTGCTCGCGATAATGTC
GCAGCGTTCATTGATGAAGCTCTGCATCAACCGCAGTTGTCAAAGATCATTGTTGAACCT
ACCGACGGTTCACTCCGGTGGCGGAAGCCGTAGAACGCCTCATCAAG

>naRXA00949-downstream
TAAAGACGAAAAGAGGGAGAATG

>naRXA00959-upstream
TTTGGAGGEGGAGCATCATACCTTTTAATGTCAGGATCGTGCAGTGAAGAATTCAGGATG
AATTACTCGCTGGAATATTGGTGGGGATAGAGTTGTTGTT

>naRXA00959
ATGACGGTGATCGGAATTATTCTTGGCAGCCTTTTGGCGTTCTTGCAGTCCTTCTCATC
GTGGTTGGTGCTTTGGGGTGGGCGGCTAAGCTCCCTGGCAACCCGGTTGTGGGCATTTCGT
GTCCCTGAGGTGCGTAAATCCCAAGAATTGTGGGATATGGCGCACCGTGTGCGTGGCCCCG
TTGTGGGTGCTGTGCGGGAGTTTCCTTTGTTATTGCATCGCTAGTTGCGTTTGTGCTTCT
GGTTGGATGTGGCTTGTGTGGCGTTGGGTGTTGAGGCTGCCATCGCGTTCATTGGTATG
GGTGCGGGTATGGCTGCGCATACTGGT

>naRXA00963-upstream
CTGGCTCTGACGGCGTCGACTTGTTCTGCTTCTCTGATACACCAATTTTCGAGGCCCTTA
ACCTCGCACGTACTTTTACTCCGGAAGGAATCTAGAACTT

>naRXA00963
ATGCGTCTTGCAACAATCCGCACCAACGGCACCACCATTGCTGCTCGTGTGAATCTGAA
AACACCGCTACCACCATCGAGGGCTTTGCCAACGTCGGTGAATTACTCCAGGAATCCAAC
TGGCGCGAGCTGGCAGAAAACGCTGCTGGTGAGGCTGTGACCTTTGAAAACAAGGAGCTA
GATGCAGTAGTTCCAGCACCTAAGAAGATTGTGTGCGTCGGCCTTAACCTACGCCAACAC
ATTAAAGAAATGGGCCGCGACCTCCCTGATACCCCAACCTTTTTGTTAAGTTCCTGAC
GCGCTCATCGGACCTTTCGATGATGTTGTCGTTCCAGAGTGGGCTAACAAGGCTCTCGAC
TGGGAAGGCGAGATGGCAGTTATCATTGGCAAGCGCGCACGCCGTGTCAAGCAGGCCGAT
GCTGCTGAGTACATCGCT

>naRXA00969
ATCCGACAGGAAGAGCGCGATGATGATGCACGTCTGATCGTGGTCACCCACTCTGCGCTG
GAATCTGATCTTTCCCGCACCGTTGAACTGCTGAAGGCTAAGCCTGTTGTTAAGGCAATC
AACAGTGTGATCCGCCTCGAAAGGGAC

>naRXA00969-downstream
TAATTTTACTGACATGGCAATTG

>naRXA00971
AACCACGCCGAAGCCGAAGAACTCGACGAAGCCCTCTCCCCGCTCATTAAACCGCCTCCGC
GAAATGGGCTTTGACCCACCGAAACCGAAGAAGCAAACCTCCCTCGCTCTACACAGCTGC
CCATTTGTGGTCAACGACAAACGCCCATCAGCCTTCGTCTGCGCCATCCACGCCGGATTCT
ATCCAAGAAAGCCTCGGTGAAAACAACCGCATCCAGCTGGAACCTCAAACCACTCAACGCG
CCGGGCACCTGTAAGGTTACGTGTTTACGCGAA

>naRXA00971-downstream
TAATTGCTGCACTAATAAGGCC

>naRXA00973-upstream
TTGTTGGTGCAGGCCTTACAGCCATTGCACTGAGTTCCATGCTGTGCGAGCCAGTACAGG
CCTTACCATTGACATTGAGATGGTGAGTGTATTTTTCAC

>naRXA00973
ATGAACCACTCTGACGACGATCGCATGCAAAAGTGGTTCCAGATCCGCCGCGAACTGGGC
AAAGAAATTGTGAAACAGCTTCAAAAGGATCTGCCCAGTGCCTCTGACATCGGCTCC
ATGGTGTATTCCTCTGATCAAGTTCCCCTCGGAAACGCCACGCTCACTGCATACGGAGAC
ATCGGCAACCGAGTCGCTTCCGCTGCAACAAGTGGGAGATACAACGTAGAGGAACTCCTG

GACGCAATCGAAAACGCACGATTTGCCATCTGGGTTCCAAATTACGACAACCTCCTACTAC
CTCTCCGGCGAGGAAGGTGCCGACGAATTCCAAACATACCTCATCAAAGATGCGTCAAGA
TTTCTTGAATCCTCCGGGAATACTCCACCCGAGAACCCGACGTACAGCGACTCCAAATTA
ACCTTTGCTAGCGAACTACTCCCCTTCTACACCGCATTTAACAACTCGACCTACCCACTA
CTTCATGCTTGTGTGCAAGGTGAACCAACTGAAGTAGACCTCTACTTCTACGAGCTCGAG
CAGGCAGAAATTGAAGGAAAAAGAGACTGCACAGCTCTCGAGTGGATCAAGTTTGGCTCC
AGT

>naRXA00973-downstream
TAGTCAGAAATCTCCTAAAGGGC

>naRXA00978-upstream
TCCTGGGTAGCATGGGCTTATGAGCACTGATAGCCAAAACCTGTAAAGAAAATCCTGCGC
ACAGCCACATTCTTGTTCCTCAAGAGGTGCGATTGAAAGCG

>naRXA00978
ATGTCCAGGTCACCGCTTACTAAAGGTCTAAATCAACTTGAACACCTCGAGTTAGATAAG
TCTACTAACTGCGTGGTTCGTGGGCAGAAGATGATCCTTTGTACCTCGCAGGTGAGAACTTA
AACGGCAGTTACCTCATTGTGCGCAGGACGAGTGCAGGCTCTCTCGCGACACCATCGACGGG
AAAGAACTACCGTTGATATTGCAACGCCCGCGATGTTATTGGTGCGATAGATACAGAA
CCTCAGCCGGCAGTAGATTCCGCTTGGGCAATAGAAACACCTGTGCGCTGTTTCTTCCA
GCAACCGCGTTGGCAACTGTGATTGAACAGCATCCAAGTTTGGCTTTGGCGATGATTGCG
ATGACAGCAGCAACGTTTGGCTACAGCCAGAGATCATGAAATTAACCTGACTACGACCACA
GTTGAGCAACGAGTAGCTATTGCAGTGAGAACTCTGGGACGAAAAATCGGGCAACGACGA
CCCGATGGAATCTTGCTCATTCAAGTTCGAATCCGGCGGGAAGATGTTGCGGGTTTAGCA
GGCACCACCGTGAATCTACTTCTAGAGTTTTGGCGCGATTACGTAAAGAAGGGGTCATT
GATAGCGGTAGGGAA

>naRXA00978-downstream
TGATTGCCGTGGTCGATGAACGG

>naRXA00986-upstream
CTACTTTGATAACACCGCCACCCAAGCCAAGCCGGAGTGATCTCCGTATCCTTTAAGGC

>naRXA00986
ATGACTTTAAAGATAAGTACGACACTGAAGTAGCTGTTTCTAATAATCAGGACAAGCAC
CAATTTGAGGTCAGTTACCCTGAAGATGCCGTGACTGCTGGCTTTGCTGCATACCTTGAT
AAAGGTGATTCGCGGATCTTCTATCACACCGTTGTTGGCGATGAATTCGGTGGCAAGGGA
CTTGCGTCAATTCTTGTTCAGAGGCGTTAAAGCCACAAAAGAAGCTGGTCTTACCGTG
GTTCCGGTATGTCCCTTTGTTAAAGGATTCTGTGAAAAGAACGCATTTCGAGGGTTACCGC
AAACCAAACCATGAGGATATGGAGCTGGTGAAGAGCCAGATG

>naRXA00986-downstream
TAGAACTACTCAACTTCCAGAA

>naRXA00987-upstream
CGCGGGCTGCTTACCACGCAGCACAGCTTAAGCTTTAAGGCCCTCCGGGGCCTTTTTTGCT
TTTCGACGCCTACCTCCTTCGGAGGCGTATTCTGTCGTTT

>naRXA00987
ATGCCTAAATCTCTGACCTTTGAAGACAGCATTAACATCGCAGCGCCCATCAATCAGGTC
TACGCACTAGTTTCTGACATCACTCGAACTGGAGAATGGTCGCCCCGTGTGTGAGAAATGC
TGGTGGGATGAAGACGAAGGCCCGTCGTGGGTGCGCACTTTACTGGCCGAAACGTCACA
CCTGAGCGCACCTGGGAGACACGGAGCGAGGTTATCGTCGCAGAGCCAAATCGTTGCTTT
GGTTGGAGCGTGAATGATGGAACGTCAAGTGGATTATTCCATGGAACCGTTAGAAGAA
GGCAGATATTGACTGAATCATGGGAATTTACCCCCAAAGGTCAACGATTCTTCCACGAC
AAATTCGGCGACAAATCAATTGAAGAAATTGAAAAGCGACGCTTGGCAGCTATAACCGGA
ATTCCAGAAACACTGGTTGCCATTTCAGCGCATTTCTGGAAGTTGAG

>naRXA00987-downstream
TAGTTTCTACATCTGGCTCTTCA

naRXA00988-upstream
TAGCAGAAGACACCGATGTACAGTCCGGATCAGGTGTTGTGATCACCGTTCAATCGTGA
CCGCCGGCGATGCGCGCACGCTGTTTGGAAAGGAACCTGC

>naRXA00988
ATGAGCAAGCGTGAAGAATCAATTGAGTACGGACCATTAGGCAAAGGCCACGATCCATTA
AAGGATCCCATGAAGGGTATCCGAGGTGTCATGGCCGGCACCTTAGTGATGGAAGCAATC
ACCTTAGGTCTTGTCTCACCGTGATTCTGCGCGTGGACGACGGCATCTACTGGACCACC
TTCAACTGGGTCTATGTATCAGCAGTCGCGATCGCACACTTTGTTGCTGCATTTCTGCAA
AGGTTTAGTTGGTCCATCCCGATGAACATCGTGCTGCAGGTTCTTGCACTTGCCGGTTTC
TTTGTTACCCCGCGATGGGCTTCGCCGCCATCATCTTCATCATCGCGTGGGCGTACCTG
TTCTACCTGCGCTCTAATCTGATTGATCGCATGAAACGCGGGCTGCTTACCACGCAGCAC
AGC

>naRXA00988-downstream
TAAGCTTTAAGCCCTCCGGGGC

>naRXA01005-upstream
TGGGCACCGTCAACGATTGGACTCACGAAAGCTCCGACGACTAGAAATAGTAACTGTGTT
GGACACTTTTCACCTCCGCGTATTGAGCGAGGATGAGTGG

>naRXA01005
ATGGAAC TAGCCCGCGCCACCACGCGGGCTGATT CATT CACC AAAGACCACTTGAAG
CGTCGACAAGCGCATATCAAGCACCCCGTCTTCGACTTCCTCTTCGAGTACTACCCCGTG
CGCGTCGCGCACCTAAAAACCTGGCACCCCGGCATCGGCGTGTTC TAGAAGGCACACCG
CCGCATGCCACCATGCGCGATTTTTTGCTTGTGACGCCTCCCTCCATCAGCAGCCGGC
GTCCAGCTTGACCTGGCCTCCTATATGCAACGCGGTGGGTCTCTGTGCGCTACATCCAC
GAACTGTTGTCCGCCACCCGCGACAACCACGCCCAATTTGATTGTTTTGGTCTGCACGAA
TGGGCAATGGTGTACAAATCAAACGATCTCCGCCATGACCTTCCCCTGCGCCTTACCCCA
TCGGAAACCGACCGTGTGGTGGAAAGCCACAACATCAAATGCACCCACTTTGATGCCTAC
CGATTCTTCACCACACCAGCCATCCCGTTGAACCTCACGGTGTTAACCCGGAAGATCAG
CCACGCAACGATCAATGTGGTTGTCTGCATGCCACGATGGATCTATACAAATGGTCCGCA
AAGCTTGGCCCTCTTGTGCCAGGTGATCTTTCTTGGACGCGTTTGAAC TAGCCCGCGAC
ACCCGCATCTTGGACATGGAGGCTTCGCCTTACGACGTCCGCGGATACGGCTTTGGCTAC
GTCCCATTGAGACCGCCGAGGGCAAAGCCGAATATGTCAGTAGACAACGCGAGCTGTCT
GAACGAGCAAAACCCATCCGTGACCGGCTTGTCTCCATTACTAAACAAGCTCTACAGGCT
AGTATT

>naRXA01005-downstream
TAGAAAATTAGACTTGTCAATGT

>naRXA01007-upstream
TCTGAACCAATATACCGATCAGTCTAAAAGTGTGTTAAGTTCTGGAACATAAATTAGCTG
ACACGTAAAGTAACTTAAAGATTCAC TGAGAGTAAGCCTA

>naRXA01007
GTGTTTAAAAAGCACAGACACGGTCTCGGCTCCCCGAAACCAAACCACGCTCAATAACC
CGCCGGTTTTTACC GCGGCCGCGCTACGCTGGCAGGATTGGCAGTCTGTCCGGCTGC
ACAGCACAACCTCACAAGCAGAAGACAACACGCTCACTTACTTAGAGCCACAGTTCTTC
CGCACCTGTACCCACCATCAGCGGGCTTTTACCCCAACGGCAGTGTGGTGAACAACATT
GCAGACCGCTTGTCTACCAGGATCCTGAAACCTTGAAC TCAAGCCGTGGATCGCCACC
GAACTCCCAGAAGTAAACGAAGACGCCACGGAATTTACCTTCAACATCCGCACCGATGTC
ACCTACTCCGATGGCACCCCGCTGACGGCTGAAAACGTGGTGAAAAC TCGATCTCTAT
GGCCTCGGCGATCAAGATCGACGCCTCACCATCTCTGAGCAGATCACC AACTACGACCAC

GGCGAAGTAGTAGATGAGGACACCGTCCGATTCCACTTCTCTGAGCCTGCACCTGGTTTT
GCTCAGGCCACCAGCTCCTTCAACGCTGGCCTTTATGCCGATTCCACCTTGAGTTTCGCC
AATGAGGATTTTCGCCCAGGCAACGCCCAAACGTCATCGGCTCCGGTCTTTTCGTGATC
ACCGATGAAACCCTAGGCACCAACCTCACCTTGACTGCGCGTGAGGATTACGATTGGGCA
CCACCATCACGCGAACATCAAGGTCGCGCGAAGCTTGACGCCGTCAATTATGTCTCGCG
GGTGAAGAATCCGTCCGCATCGGAGCCATCGTTGCTGGCCAAGGTGATATCGCCCGCCAG
ATCGAAGCGCCAGTGGAGGCACACCTGAAGGATGCAGGCATCCCGATCATCTCCGCAGCC
ACCAACGGTGTGAACAACAGCTTCAACTTCCGCTTCAAAAACGAGCTGCTCTCAGACATC
CGTGTTCCGCCAAGCTCTGATCCACGCGATCGACCGGAAAAGATCATGCGTGTGCTGTTT
AGTGATTCTTATCCGCTGGCAACTTCTGTGCTTGCGCAAAATGCACTGGGCTACAAAGAA
CAAGTAGATGCCTATGTCTACGACCTAGACAAAGCAACAGCTCTGCTTGACGAAGCCGGC
TGGACCCTTGATAGCGACGGCATGCGTCGCAAGGACGGTGAACCTCTAGAGCTCACCTTC
AACGAAGCCCTCCACAGCCTCGTTACGCGAAGTTGTCAACATGGTCCAAGAACAGCTC
GGTGATCTGGGCATCAAGGTCAACCTCAACCCAGGTGACCAAGCAGCCAGGACGCTGAC
TCCAAGGATCTCAACAAGATCCAGGTTCCGCACACCATGGTGGGTGCGCAGACTATGAC
GTGCTGAAATCCCACTGTACTCCACCAACCGCAACGAGCTGTTGAACATGACCGTGGA
GGGGAGACCGCCGATATTGGCGATCCTCATTTGGAGGAACCTCATGGCTATTGCATCC
AGCCACGCGAAGAGGACCGTGCAGCAGCATCTGCCGAGCAGAGGATTACATCACCGAG
CAGGCATATGTTCTTCCACTGTTTGAAGAGCCAGTTGTCTACGGCGTGACGCTTACGTG
AAGGGCTTTAGCCCGAAGTGATCGGCCGCCCGAGCTTCTATGAGACCTACATTGACCAT
TCCAGCGACCATTCAGTGAGGAGGAC

>naRXA01007-downstream
TAAATGACTACCTCGCAGATTCT

>naRXA01008-upstream
ATTTATGTTCCAGAACTTAACACACTTTTAGACTGATCGGTATATTGGTTCAGACCAACC
TGTCTAATTGGGTATTTATTTTAATGATCAGGAGTTTTC

>naRXA01008
GTGAGCACAAACCGATAAGCAGGTAGCCATCGTTGGAGTTGGCCCCAGAGGTATTTCCATA
CTCGAAAGGATCGCAGCTCTCAACACAGTTTCCCGCCCCAAACAAGGCTTGACCATC
CACCTGATTGAGGATGCCAGATGGGTGCAGGCAACGTGTGGCGCACTGATCAAACCCGC
ACGCTGTGCATGAATACTCTGGCCGGTGCGGTGACATTATTCACAGAGCCAGGCTCTACG
GTGAGCGCTCCAGTGGTGAAGGACCACTGCAATTTGATTGGATTGCGCTGCTGCGCGGC
GATGAGGATTTGAGCGGCATTCTACAAAAGCCATCGAGCTGTTCCGCACCTACCCCCCA
GCTGCATCCGTGGCGGAGGATTTCAAGGAAGAGCTAGCAGCCACTGTTATCCAGTCCAAT
CCTTCCCGTGCTCTTTATGGCGCATATCTGCGGTGGGCTTTTCGATGTGCTTTGCAGCTG
TTGCCACAGTGGGTCAAGGTGAGCAGCACCATGCGCGCGCGATTGGCATCCGCGAAGAT
GGTGACCGCGATGTGATCACCTTAGATAAATCTGAGATGATTTCCGCCGATTCCACTGTG
TTGGCTGTGCGGTGGCAAACCCCGCCCCCAATGCGGAGGAGCTGTCCATCGCGGCTGCT
TTGGAGGAGAACCCTGATCTGGTGTGGGTCAAGCCCGGCAACCCTGTCGAGCAGGATGCC
AGCCTCATTTCCCGTGGCGAACAGGTGCTTGTCCCGGGGCTGGGCATGGGATTTTTCGAT
ATCATGGCGCTGACCACCATCGATCGTGGCGGCATCTTCCACGAGGATCCCAGCACCCGT
TCCGGTTTTCGCTACGAGGCATCTGGTGAGGAACCACTTTGTTATTTCTCCGGGCGC
GGCTACCCCTACCTGCCTAAATCCGATTACAAATCGCTGCCACCAGGGGCAAAGCTAGCG
CGACTCAAGGCTGTTATCGCGGCGATCAACGCGCAAAATCGTGGTGTGCGATCCATCAAC
TATGATGCGGAAGTGTGGCCAGCTGTTGCTCGCGACGCCTACGAAGCCTATTACGAAACC
CTTGATCGCGTAAGCCAGAATCTATCCGGACCGGTCTGGATAAAATTGTGGAAATTATT
GATGAGGTGGACGTGATAAGCTTCTAAAGCACTCGCCGCGCACACCGATGACGTCTTT
GACCTGCATGCTTGGGAATTTCCGCTCGCGGGAATTAATGAAAGCGTCGAGGCGCTGACC
GCACGCATCGCGGACGGCATGGCCCGCGATATTCCGCCATGCAGTAACGGCCTGGGACAGC
CCGCTGAAATCCGCGCTGTGGTCCATTTCCGCCGCGCGCAACCCAGCTCCATCCTGGGC
GCGGAAGGCCGCTGACCTTCGAATCGCGCCGCAACCGCTTCGCCGCGCTCATGGCGATC
GGCCAGATGGTGGTCCGCGCCACCGCTTTTCCGCACCCGCGAACTTCTTGCGCTTGTC
GACGCCGGCCTCGTCACTTTCGCCGGCGCCCGCCCCGCTCAGCGTGAGCGACGGTCAA
TGGCAGATCTCCTCGCCCAACCCGGCGATACGCCGCTGAGATCGAAAGTGCTTGTGAC
GCGTGGATGCACAACCCAGATGTGCGTCGCAACGCCGACCCGCTAGCACTGTCTTGGAA
GATGCCGACCGGTACGCCCCCTCAACGACTATTCCGTGACGGAACCGCTGCCCCACA
GGCTCCCCGAAGTTGATCCGGCAACCCGACTTTTGGTTTACCCCAACGGCAACCTCGAT

CCGCGCGTGCACCTGATTGGCATCCCAACCTATGGGCAGCTGGCCGACACCACCATCTCG
CCGATGCCTGGAACCAACCCGCTCATGCTGCAAGAAACCGACAAAACAGCCGTTACGTTG
CTAAAGCAGCTCGGCTTGATC

>naRXA01008-downstream

TAGGGTGAGGTGAGTTATTTAAA

>naRXA01011-upstream

CCCGCAAACCGATTTCACCTCGCCGACTCATCGACGCGATCCCAGGATCGCGCTATCGTGG
TGGCGAACTCAATCTTGGACTATAGGAGCAGATCTTAAAA

>naRXA01011

ATGTCAGATCTCATCGACATGCTGGTTGGAGAAGACCTCCACAGCTGCGTGACAACCGT
CCCCAAGCTCGCGACAATGCACAAAAGAGCTTCGAAGCTCTGCTCGAACCAGGTCAACCCA
GGAACCTTCAGCTTCGGCGAGCGTTACGCCGTGGCCACCTATGTTGCAGGTTTGCACCAA
TTCGCGCCAGCTGTAGATCTCTACCAAGATTTGCTTCTCGACGACGCCCCAACCAACCTG
GCAAACGCCGCTCCGATGCCATCGACGAGGGCCTATCCGAGGCCCATACGGCACCTAC
CGTGAACCTGGACTTGAGTCCGAATCAGAGCCAGGCGGATCTGTGCGCAACGATGCCGCC
AAGCTTGGCGAGCGACTTGACGAGCAGATTTGATTACGCACACCTACTAGTTTCCACCCC
CGTGATTCCCGCCCCGAGGTCCTTGGTTCGACTCTCCGGCGCTGGCTGGAGCGCGGATGAC
ACCGTGACATTGGCTCAGCTGGTGTCTGCTTCCGGCATTCAGCTGCGTGTTGCCTACGGC
CTGCGCACCCCTCAAAGGTGAAGACATTAGGTGAAAGCTCCTCGCCTGAGTATTCCTGAA
GCGAAGTGGGAAGTGTCCAACAACGGCTTTGAGATCTCCACCTATGAAGAACTCAACCGC
CCTGAAGCGTTTTGTGAACCACTCTTTGGGCTGGAAGCCATGGGTACCACCAGTAGCAAAG
GCAGATCTCACCGAAGAAGAGCTGGATTCTTTGATCCAGCCTGAGCGCGCTGATATGCCA
TACTTCCGTCCTTGGCACGCGATCCTGCAGCATTGAAGGCGCGTACCCTGACCGATCTG
GATATCTTCTTCAACACTGACGGCGAAGGCCCTAGGACGTGCAGAGCGTGAACCTCGGCGCC
ACCGTTACTTCCCGTACAACGGCTGCGTGTACTGCGCATCCGTGCACGCAGGACGTGCT
CAGGAAGAATCCGGTCGAGCTGATGATGTCAACGCACTGTTGGCAAGCATCGACTCCGAT
CTGGGTTCTGACCACTGGAATGTATCCGTGACGCTGCTCGCGCACTGAGCTCCACCCCT
GCTGCTTTCAACAGGGATGCATCACCAAGCTGCGTGGCGTTGGATTACGCGACCTGCAG
ATCGTGGACTTGATCAACTCTGTGGCGTTCTTCAACTGGGCGAACCAGCTGATGTTGTCA
CTGGGTGAACCCGAAGTGCCAAAGCGTTTCCTG

>naRXA01011-downstream

TAAAACGCATAACCCGAATACC

>naRXA01016-upstream

TGCCCCGTCGAGGTGAACGCCCAAGAATAGTTCTCTTTCGTCGACTTCTCACGTTGATACC
GCTCGGCATCATCCACCAAATTCTCCAGCCGGGTGAAGCA

>naRXA01016

TTGTTGCCGTATGCAATAGTCGGCCTGGTCATTTTGCTGCCATCCTCCTGGTTGCCTCGT
TGGGCTGTGCGAGTCTTGGCGAAGTGTGCTTGTGCCAGCGGTGGTTTTTCGTTGGCGGG
TTCCTGCTTATCCCTCAATGTTCTGATCGGTTGAGCGCTCGTTAGGTATGGAGTAGTC
GATCGGGCAGAGAACGCACCGCGGGCTATGGGAGTCTTTTTCGCCGTAAGCGCAGCAATC
GCTATACCTACGCTGATCATCCAGGCACGTGACATCACTTCTTCAGGCTTCTCGATCGTT
TCCACAGTGGCGGGACTCGCGCTTGGCGGCGTCTACATTTCTTTAGTGTGCTGGCCTTG
CATAACCGGATTTCGCGGTGCACTCGCTGCAGTTTTTCGCACCTTTAGGGCGTATGGCGCTA
ACCAACTACATTGGTGCAACGATCCTCATGCTCATTGGCGGGCTAATCGTGGATCTTCCA
CACAGCACATCATGGACAGCTACGGTGCTCCTAGCTGCGGGTATTCTCATTATTCAAGAG
CTACTTTCTGCTTTATGGTTGCGCCACTACACACAGGGGCCACTTGGGTATCTATGGCGT
TGGGTGACTTGGGAAGCCGTTCCCCCTTCCTTACCCGTTCCGCATCA

>naRXA01016-downstream

TGACAGGTACGGAAGTGCCTAC

>naRXA01017-upstream

GAAATTTGAGGGGGCGCTACCCCTTAGAAGGTGCGCAATGACACCACGATAGTTCGCGCCT
AGTGTGGATTGCTAGAAAACCTTTAAGAAAGAGGAAATAAT

>naRXA01017

ATGGGCTCAAAAAGTAACCTTCTGGTTTCGATACCACCTGCCATTCTGCTGGGTACCTCC
CGCTGGATTAAAGGAAGTCGAACAAGTCEGEGATATTGAAATCCAGTGGGTCCAATGAGC
CTCGCTGTCTTAAACGAAGGCCGTGATCTCCAGAGGATTACAAGGAGCGCATGAAGGCT
GCATGGGGACCAGCACGCGTTTTTCGAGCTGTGCCACCGACCATGCTGACAAGCTCGGC
GACCTGTACACCGCAATGGGTACCCGCATCCACAACGACGGTCGCGGACCAATCGAAGGT
TCCTTCAATGATGTCATCGCAGAGGCACTTGAAGAGGTGGCCTAGACGCTGCACTTGGT
GAAGTTGCAGACACCACCGAATGGGACGACGCACTTCGCGCATTCACCAGACCGCAATG
GACGAGGTGCGCAACGATGTGGAACCCAGTGGTCAAGCTCGGCGACACCGCTTTCTTC
GGCCAGTGCTCACCCGCATCCACGCGGCGAGGAAGCAGGAGAGATCTTCGACGCTTCC
TTCAAGCTCGCAAGCTATCCCCACTTCTTTGAAATCAAGCGCAGCCGCACTGAGAACCCA
CAGTTCGAC

>naRXA01017-downstream
TAATTAACGCTGTCTCTGCTTAT

>naRXA01021-upstream

CGAGAGGCTTTTTTGCTCTAAGCCTTTTAGTCGTGCGAACGAAATCTTAAGCAGCCTCG
GTGCCACCGAGATCGATTGGTCGCTGTAAGGTATCTGATT

>naRXA01021

ATGTCCAGTTCCGAAAGCTCGCGTTCGGAAGGCTCGCAGCCAGCACCGTCTGTACAGCCT
GAACGCCGTGCTGATTCAACGGGGGCTCCTGCGGCAGCTTCCAAGGAAGCTTCCCAACAA
ATGGACGCTGCCGGAGTTCTTGAGTGGGCCAGGACCGCTGTGAGCAGCTTTCTGAACGT
CGTGCAGAGATCAATGCACTGAATGTCTTTCTGTTCAGATGCAGACACTGGATCAAAC
ATGACCTACACCATGACAGCTGCGTTGGATGAAGCGCTGAAACTGGGGGAGTTGGGTGAT
GTCGCAAGGATTACTGAGGCTTTGGCTGTTGGTTCTGTGCGTGGAGCCCGAGGAAATCT
GGAGTAGTCTTAGTCAGGTCTTTCGCGCTATTGCTCAGGCAGCTGCTGACGGGGTATT
GATGGCCACACAATCCAAGAAGCGCTATCCATTGCTCGCTCCCTAGTTGATCGCGCAATT
ACAGATCCTGTGGAGGGCACTGTTGTCACTGTGTGCGTTCT

>naRXA01023

CCAGCCAACGGGGGAATTAACAAAACCCCATGATTATTGCCCTAGTGTTATCTATTGTG
TTGGTTTTGGCGGTGCTGTTTCGGCGCCCGAGTCTCCTTGCGCCCGCCGGCCAGCAACAG
ATAGCCATGAGTGGGCTTCCCGCCCCAGACGCAGAATCTGCTGAGTGCGCCGCATTACTC
GAGGATCTCCCGGGCGAGGCCTTCGGGCACACCCGTGCAGAAATCATGGATCCTGTTCCA
CCGGGCGCTGCCGCTGGTCCACCTCAGACCTCGAGCGTGTGACGCTGCGTTGTGGCGTC
GATATGCCATTCCAGTACACCGCGCTCGCCAACACCGTCGACGTCGACGGCACCACTGG
CTACCTGTCTCCGACATGACCCCCGCTCCTCCCTGGAGACCTGGTACTCCGTCAACCGC
TTCCCGCTCGTCGCCATCACCGCCGATGACATCAGCACCGACAGCGCCGACAACCCCGTC
GACCCCTTCAGCAGCGCCGTGACAAGCTAGAAAAGCGCGACGGCCAGCCCTTCGACGCC
CCACTTACCGGCTTGAGCTCAGCCGGCACCATGCACTTCGCTTTTCGACGCCCTCCCC
CGCCAACCTCGAAGTCGCGCGCGACGACGGCACAACGTACGAACGCATCGAGGAGGACCGC
ATGCAGGCCGCGGATACTCCGACGACGAGTCGCGTGGGACACGCCGGGATTAGAACCC
ATTGTGATCCGTTGCGGCGTGGAGCCTTCTGAGAACTACGCAGCCGGTGCCATGTTGCAG
CAGATCGATGACATCCCGTGGTTCGAGGACACCATTTTGGCCTCCGGTACCACCTCGTCT
ACCTGGTATGCCCTTGAGCGGAGATCGACATCGCCGTGTCTCTGCCTCAGGCTGCTTCC
TCTTCCCTGATTACTATCTCCGGTTTCATTGAAGACACGGTTCCTGCGGAA

>naRXA01023-downstream
TAAGACATAAAAAATCGCCCCAC

>naRXA01028

TTTTACCAAAACATTTTGGCCTCTTCACGCGTTCTAATACCTTCCTATTCTGTCCCC
TATATCCCTGCAACAGAAGGAGAAGAAACCCACCCTGCAACAGATACCAGCACTATTGCG

ACACCAACCTTGAGCTTTGATGCTTATGGTAATAAGGCCGAGGTCATGCCGACTCAATCC
 ACTGTGGATAAGCGCGTGCCCTCTTTGCTGCAGTATTACACGCGTACATTCCATGTGCGA
 CAAGATACGCAGCAGGCTGTCTTTGATGTTATTGGCGCCAACCCCGTGCTCATCGCCGCA
 GCAAAGCTGCATCCATATCACCGGCTTCTGCTGATTACGTAGAAAGAAGGGCCTGGCC
 TCCACCAACGCTGACCCAGTAGCCAAGCATGTACTAGAAATTGCAGGAGCTGATGTGGAA
 TCGCTGGGCCATGAAAAGGATCTCAAGGTCACCAAGCACACTGGCCAAGACCCAGCACTG
 CCTGTGCTGGTCTTTAACCACAAACCATTTGGCATAACCCCAACGACGATGTGATTAATGCA
 TTACTGGGCGCTATTGACCAGGATGCCTACATTGACATGGCGATCTCGTCTACAACAAG
 TCCTGGCACAAACATTATCCCGGCT

>naRXA01028-downstream
 TAACTACCGCTGGGTAGACCCCT

naRXA01029-upstream
 ATGGGTGGTTGTCTTAATTAAGGGTGTGCGTGAAACACGCAACCGGAGAGGAGGGTGAA
 GTGTGGGGTTCCTTGCGGGCGTATGTCCGGGGTGCTTGCT

>naRXA01029
 ATGCTTCAAACGATTCATTCAAGAACTTAATTTATTAACAACCTCTTAAAAGAAAAGGA
 GAGCTGGTCATCATGATCACTCGTCACGATGTTCCCTACATCATCGCTCCGCCTGTCTAC
 GCGATCTTTGCGAGCCTGATGACCACGCCACCATGGTTTTATCGAACCCCTACACCATT
 GACGGTTTTCGATTTTAAGATCAGCTGGGTCTACACCATCACCATCTACATCAGCCTCATG
 ATCCTCATTATCGGGTCTACCAAGCCAATATGCGCAAAGCGTGCCCTTATGAGGAAGAT
 CCTTTGGTGGTATTTGGCACAAAGGTGTGGAGCACTGCACTCTTTATCCTACCTATCGTT
 TTATCCATCGCGGTGTAATCACTGATCACACAGCGCGGGTTTACTGGTATGTCATGGTG
 TTTATTCTCCCTGTAGGCTTGATGATCGCTTATGGATTCTTCAAGCCCTGTGATTGCGAC
 AAACACCGT

>naRXA01029-downstream
 TAAGGTATACTTGTCCAAGACTT

>naRXA01031-upstream
 CAGCTGAACCTTGATCATTTTGGATGATCTGCCAGTACAGCGCCAAGAAGATCTTGGCACCT
 TAGTTGTTATCTCTGCTGTTACGCAAGCGACTCTGCGGC

>naRXA01031
 ATGAAACTGCTGCAATACGCAGGTGGTGTCTATGTGATCCAGAAGATTCTGCGCAG
 TCCCAAGACCTGGATGCCAGCACTGCACGTGATGTTATCGACGCTACCAACACCGCCATG
 ACCACTATTACCTCTCGCCCCACCATGATTGTGCACCTGCACAAGGTGCGAAAAGTCATT
 GAGATTTTATGCAACCTGCACTCGGCGGTGAACCTGTCAATATCGACCAGGACGAGACC
 GGAAAACAGGTGTACACACCCACCCCAACGCTTGTGCGCTATCGCTTTATCTCTGACAAA
 GAAATCCTGCTTCATTACCTGGCGCAGGCGGGTGTGCAGGGTGTGGAGGTTTTTGACGGG
 TCGCCTGACATGCTGAGCCGTTGGAATGCGGGACGCATTCCGGTCTTACTTTTGCAGCCT
 GCGTCTGCTGGTCACGGCTTGAATTTCCAGCACGGCGGGCATCGCTTGGTGTGGTACAAC
 CTGCCCCGATAATAACGAGCATTATATGCAAGCGAATGCTCGTCTACATCGCATTTGGTCAA
 AAGAATCCCGTGACCATTCACCGCATTATTACCGCTGATACTTATGATGCGAATATGCCG
 GCGATTCTGGCCGGTAAAGCAAATAGACAGCAACGCTCTCATCGACGCCGTGCGCCGTGAT
 CCACTC

>naRXA01031-downstream
 TAAGACCGGCACGATCGCACCGT

>naRXA01032-upstream
 AGCTAATCAGCACCACTACAACACCACAAACACACCCCAATCAGCATGATCGTGCCGGT
 TGGGGTGTGTCTTATCCCTAAGAAAGTGACACCTTTACC

>naRXA01032
 ATGTCAGACCACGACGCCCCACAAACACCGATCCCCAAGGGGTTTTGGCAGCAGATCGAC

CACCAACTCGATCGCCTCGGCACGCAGCGCCCAGAGACCTTCGCAGCACTGCGTGACATT
TTGCTTGATCTGCTACACCGCCATTGTTCATGACCGTAATCGCTACGGCGTTGTCACC
TTTGACACCAACTCAGCCTTCTTCTCAGGCTCTGGCGGAGACAACGGCTTAGCCGACGTA
CTCATTAACGTGATTGGCGCATGACTGACTACCGCGCCGAGTACTACTACGTCATGACA
CATAAATACACCAAGGAATCGTTTACCTATATCGAGGGCGACGTGAAACGCGGCGACCTC
ATCCCGCCTAATAAT

>naRXA01032-downstream
TAAGGACAACCGCCATGACTCAG

>naRXA01033-upstream
ACGTCATGACACATAAATACACCAAGGAATCGTTTACCTATATCGAGGGCGACGTGAAAC
GCGGCGACCTCATCCCGCCTAATAATTAAGGACAACCGCC

>naRXA01033
ATGACTCAGATCGCCATGTATCTCGCAGGACCCATGACAGGTATCCCTGAATACAACCTAC
CCCACCTTCCATGCAGCGGCTAATAAGTTCCGTGCAGCTGGCTACACCGTACTCTCCCC
GCTGAAGACGAATATGAATCCAGCTCACTGCACCATTCCTGAGAACGCTGAGCACAAA
TACGACCACTACTTGGCTCTCGGTATCGAAAAGCTGCTCAAGGCTGATGCTGTCCACATG
CTTCAGGGATGGCAGAGTAGCGCCGGTGCCACTCTTGAGCACGATATTGCACAGAAATTG
AGGCTTGCCATTACCTATGAAGAACCACCGCATCC

>naRXA01033-downstream
TAAGGCGCTCCGGCATAGCGTA

>naRXA01034-upstream
AGAAAGTATGTCAATAACTTTGACATAACCTAAACACAATAAATTATGTAGTATTATGTG
ACACTAAGTTATTACATTTATTACATGATTGGTTAGGACT

>naRXA01034
ATGGACATGGCCATTATTTCAGTCGGTCAATACACATCTGATGTCTCACATGAGCGCATC
ACCAATGTCGTCTCTGTAGGCGTGGTCTACGAGGGTAAACAGTATGTAGTGGACCTTAAT
GGTGACGACATTGATACTGAGCTCGATATGATCACGCTCAAAGAAGTCATCAAGATTGGT
CGTGAGGAATCTGCACGCCAGATCCGTCGTGGATCTGTAGATGCAGAGCTGCACCGTAAG
GCGCGTTTGTGGGCTATTGACAATGACATGGCCGTTGGTCAACGTGGTATCGTGCCACAG
GAAATCATCGACGCGTACAAAGAGTACTGCGAAAAAGAAGGCATTTCCTTTCGAA

>naRXA01034-downstream
TAAGAGCCCTGTGGAGAATTGTT

>naRXA01035-upstream
GGCAGTGATGCACCGCACTTGAGAAAAATAAATCATCTCAAGAAACAACTAATACGTTA
TTATTGTAATTTAATTAGAGAAAAGAAAGTGACTTTTAAA

>naRXA01035
GTGCTTATTCGCATCGCCGAGCATCAAGGCCGGCTCCATGTCCATAGCCCCCTACTCAAAG
GCTTTTGCCGCGCGCTCGAAAGCTCAACGGTCTCTGGTCACCCGAAACGAAGACCTGG
CATTTACGCCCCGATAAAGAACAACCGGTGAGACGCGCACTCAAGGATGTCTACGGCTGG
GATGAATTCACCAACCCGAGCTATGCACGGTGCAGCTCACTGTGACCCAGAGGCAGTG
CTCAACAAACACACACTCACCATCGCTGGTGTACACTTCTGAGCCGTTTACGCAGAAAT
TACTCGGTGTGGTTGGGTGATAATGTCCGCATCATCAGTGGCAATTTCCAGAAAGCAGCA
GGATCACCCAGTACCCCTCATCATGGGTGTGAAGGCTCAACCCGTTGTTATCCATGTG
CAGGAATTCCTGTAGATGCTGTTTCGACTATTCCCCCGGATTTAATCCTATTGTTATC
ACTGCACCGCCGAGCATTGATATTGCTGCTCTCGAGCTGAACGCGAACAGCTCACCCGA
CGCATCAGCGAAATTGACAAGAAATCGCACGTGCTGTGCATCCAACCATTCAGACTGAG
GCTGCC

>naRXA01035-downstream

TAATAATGATGCAGACTCTCAAG

>naRXA01036-upstream

CTGAGGCTGCCAATAATGATGCAGACTCTCAAGCGGAAAATTCCGCTCATCTCATGCAA
TGACCTCAAAGAAGTGCAGTTACTTTTTCTTAAAGGTCAG

>naRXA01036

ATGCACACAGTCGGCTACAAGCTAGATACCGATCTTCGCAAGCTCACTAATACCGATGTG
CTTGATCTTATTAACGCGCTCTTCGGCACCCTGTGACCAGCGCAGATGACGAAGCAGCA
GATTTTCATTGACTCTGATCCTCAGTTTGCAGTGCTCGTTGAGCTGGCCTACCAGACTGT
GCACGCCGCGCTGCCATGGGTCTATCCAGGTACAGCAGCTCATCTATGACAAATGCGGCT
AAATCAACCTACTACCGCAGCGTCGCAGCTAGACATCGCAAACACATCCGTGAACCTCCAC
GAGCAAACACAGCGAGATGGTATTCACTTCGACAACCCGTTGTCTCGTGCAGTCATCAAC
GATCTCAGCATGTCCATGAACCGTGCTCGACTAAACCGCATCGCTTCATGGAAATCAGCC
GGCGTACAGCGCTATCTCAACCCCACTATCTCT

>naRXA01036-downstream

TAGAACCACACACAACCAAGAAA

>naRXA01037-upstream

CGACTAAACCGCATCGCTTCATGGAAATCAGCCGGCGTACAGCGCTATCTCAACCCCACT
ATCTCTTAGAACACACACAACCAAGAAAGCAGTCACTAC

>naRXA01037

ATGACCACCTCATCACCCCTTAAGTCCAAAAATTCCCTTAACGGCGCGCAGACCACATTT
GTCCGCAATTGTGTTGCAGACGGCCCAACCGAGGTAAAAGCCACCATTGATGCACGTGGC
GGTATCGAACAGTCCGTGACAATGAGATTTACAGCTCCCCGACAAGCTGTGGTTCAAT
AGCGCAACCTCCGCATCCAATGACGAGTTCACCACCGATAACATCCGACTTGGGTTGCTC
TACAACATGGCACTGAATAAGGCATCGGCTCATCGCTATGAGCTTGCTGCCCGCTGGTAC
GCCATTGTTAGCCCTCAGCCATCGCAAGAAGCTAGCCACAAGCGCATCGCGTCTGGCAC
CTTACCCAGCTGCACGCACTGGTGACCCCTATCTCGCACCCCTAGGGGTCATCATTCCTGGT
GATGAGATCGACGCTCTGCGCAGTCTATGGAGAATGCTCGTCAAGTTGGCACCGAGAAT
TGGTCCACTGTCACCATGCGCACCTACGTGACCAACCGCAAGGCATCC

>naRXA01037-downstream

TAATGACTCGCGATATTTTCCAC

>naRXA01038-upstream

ACGCTCTAGCGCAGTCTATGGAGAATGCTCGTCAAGTTGGCACCGAGAATTGGTCCACTG
TCACCATGCGCACCTACGTGACCAACCGCAAGGCATCCTA

>naRXA01038

ATGACTCGCGATATTTTCCACGAGGCTGCAAACTCATCGCACACCTGGGGTGGAGGGAC
GCTTTTCCAGCACTACAGCGCACTGACCCAGCGCCAACACATGCTGTGCCGATCAGGGCC
TTTGATCTCAAGGCGGGCGCCGTCATCACCGATGAAAATCGAAGCAATGCTTATATCTAT
GACACCCTTGTATCAGCAGCCATATAAGCACGAGTTACCTCATCAAAACACCCACCCCT
TTTGAGTGGGCCCTGGAACAAATTGCCACGCTTGATCCGGCGTTCTCGATCAAGCTCGAT
CGCTCAGTGACCGTCCCTGAAATTGGACTCTACGCCCGCACACTGCATGACCTTAATACT
CGGCATCAAGACTTCTTGGCACAGCGCAACGCCATGTTGCTTGTTGTTGCCCGTCGTGGT
GTTGATCAAAAAATATCGCAGACGTACTTGGTTTAACCACCAATCAGATACATCGGATT
CTCAGTGCTACTCCGGCTGATTCCCCTACTGATTTAGGCGTTAACCCCGCCACAACAATG
GGTGATGTAGTGAGTTTATCAAGAAACGTGCGACCACTATGCAACTACGCGGCACCGCT
GTCCGTGCACTGCTCTATCAGGCCTTACGCCGGCAGTCATCTCCCGACTAAGCGGCATG
TCGCGTGCGGGTGTCTATCAACGCAGCCAAGGCATTCACCAACCATCAACCACAAGGTC
AAGAAAAGAAAGCAGCACTTCCATGTC

>naRXA01038-downstream

TAATCTCGGCACATACTATGCAG

>naRXA01039-upstream

AAACCTATATGTTAATAGTAACAGAAATTAATAAGATACTAGAGTTTAATTGTAGTATC
CAGGGAACATTAAACGGGTAAAGGTAAAGGACAAACGAAC

>naRXA01039

ATGGCGATTAAAGGCGCAATGCCGAAAAATCGAGTACCAGGTGTGGCAGCAGGTGCGTTT
ATTGCTGCTGCCGTTATTGCAGGTGGATCAGGCGTGACCTTTCTCGCCCAAGGCGGTGGT
GATGTCAATACAGTGGCCGTCGTCGAGCCACAGGACGAGGTAAAAAATCAGGTGCTGACA
GAAACCGAAATGTGCACGAAGGTTACGATCCTTCTTCATCTGACGCCAGTGATGCTGAC
AGCAACACAGGCACCGCCGAAGGCGCAGACTCAGATCACAAGAACCCCGTGAGCACGAC
AGTGCTCAAGAGCCAACGGCTCCGACCGACCCACCTTGACCATTACCGGCAACGGTGAC
ACACCAGTATCAGCACTTGATGCTGTGCGCAGGACCTGCCCCGTCCAGGTACGGTGACGTC
ATTGAGAATGGCGAAACCTTGTCTCTATTCTCAGGACAGTGGTGTGCCGTTGGGTTG
ATCATTGATCGCAACAAGCTTGTGATCCAGACCTGATCTATGCAGGCACGCCATTGGCG
ATTCCGACTGAGCAGGAACCTTGCTGCTGCGATACAG

>naRXA01039-downstream

TAATGTAGTGTTAGAGGGTTAAA

>naRXA01040-upstream

TAATTTCTGTTACTATTAACATATAGGTTTTTTAAAGTTTCGTCTACATAAACCTGCAAC
AGAAATCACTACACCCAGTTCTCGAAAGGCTTTTCTCTC

>naRXA01040

ATGACCTACCCAGTTACCCCTCAACCTGTGCAGCCAGCACCAGTCGCCGAAAAGATCAAG
GCATCAAGCCTCAAAGAAGGCACTCAGGTATTTATCAAAGGTCGGGTAAATTACTCCCGC
ATCGCAAGCTTTATTACTGGTACCGAGCGCGAAAACCGTAATCGCGACAGGCTTACCCCA
ATCGAATTCGACTACACCTCCCTGACTTTGAGCCACCCTGAAATCATCTACGGCAACCCG
CAACAAAAGACCAATGAAGAACTCTTCCTTGAGCAGCGAATCTTTGTGCGCAAGAAGCGT
CCTGAAGAGGGTCCAAAATTCTCCATTGACAACAAGAGCAACCGTCTACCACAGGTTTGG
GTGCCATCCACCAATGCTGATGGTACTTATGAGCAGCTTGAAGGTCTCGAAGGTGAGCTC
GACGCAGGGCTCAACGTCATTATTCTCATCGAGTTCTATAAGCCACGTACACAGGTTAAT
CGCGGCTCCCGCTCAACGCCGTGTTCTGCGAGGAGCCCATTCGTTACTACACCCCTGGT
TACAATGCAGATAAGCTCGCTGCCCTCGGAATCGTACTTAACGCACCGCCAAAGGACACT
ATTGAGCTCGTTCCTAATGAGGTCGCTGCAGGACAAGACAGTCCACCACCGATGCATCC
GGTCTCCCGCTTCCAGGCCAGGGATATAGCGCACCTGATCAGCCATATCAGGCGCAGCCT
CAGTATCAGCAGGCAACCCAGCGGCTGCACCTCAGCAGTACCAGGCCCCACAGCCCCAG
TACCAGCAGTCAGTCCACAGGCACAACCTGCACCGGCACAGTTGCGCAGTTCAGCAG
GCAAGCGCCTCAGGCACCTGCTCAGCCAGCACAGCAGCAGTATCAGGCACCACTTCTGCG
CGG

>naRXA01040-downstream

TAATCCTCTTGCGAGCAGGTCAGC

>naRXA01041-upstream

ACAGCAGGCAATGCCTACCCAAGCCCCACAAACACCGGCACAACAGTTACGCCACCAGC
ACCACAAGCCGGTTCTGCATTTACCGATGCTCCGGGTGCT

>naRXA01041

GTGCCACAGGCACCAGCAGTTGAGGCTGCTCCCGCTGTAGCTCAGGCGCCTGTCGCGCCA
GTAGTTGATATGACCGAGCCAGCATCCCCATGGGATCTTCCAGCTGCACCTAGTCAGCCA
GCGCAGCCAGCTCAGGGCATCACCTACCCGGCA

>naRXA01041-downstream

TAACAACCAGCACAAACCTTAGA

>naRXA01042-upstream
 TTTTTTACCAGGTCGAGGCGCGGTCTGTGTGCCACCTCGACCCACTTTTCGCCACC
 ACTTTTCGTCAACCTACCAACAACAAAGCCCAGGTCACTT

>naRXA01042
 ATGGTCAACCCCTTTTCACACGCTTGATAAGTGACCGTTTGATCCGGTGGCACAGTTTCCT
 GCGTTTTATCACAACCCGCTTATCAATCACTTGGGCCGCCGTGCGCCTGGACAATCTCA
 GACATCAACAAACGCCCCATCAATGTCCAACAGATGCTGACCACGGCCACCTACGGTAGC
 CCCGTTATTATGGTGGCCGATTGAAGACGCAGCAACCTCCCTACTTACCCTGGATGAA
 CTGCGTACACAGATTTCCACCGCTGCCAACAAATGCGTTTTATCTCGATGCTGTCCAAGAT
 GGCTGTCTTATTTAGATATTGAAAAACCTGTCCCCCGAGGTCGCAGCCACACTACTC
 ACGCTCTCCCCACCGCCTTTTACACAGAGGTGTCCATGAGTGGTCGTGGCTATCACCTC
 GTTATGCCGATACAGAGAATTTTGCAGCGTTTCCTGCCGTACACAACAAACCCAGTATC
 AAACACCCCAAGCGCTGGTTCGAAATCTTACCTCACAGTGGATCACCTTCACCCGACAA
 CCAATCCCAGAGCATGTTCTCCATCACAGTGAATCTGCTAACACAAGTGTGTGCCATGG
 TTGAATGATCAACCACTTACATGGGAAAACGTCTTTCGAGACTTAGCTAAAACTGTTGCA
 CCAACTTAAAAACCGGTGCCGACTTACCATCACACCCAATGCACTGATGCCACCAGAT
 CTCAGCGATGTGAGCGCATTCGCGACGATGAAGTCATCGACTCGACCTGTCGATTATTT
 GCCGAACATTACTCGAAAACACTTGCGGACTTCTATGATGATGCATCCCGTTTCGAGTTC
 AGCCAAATTGGTGTCAATCTACTGTCCCACTATGAGGATGCATCCCACCACG
 ATCAGTCTCGACAAACCATCAACTCCGATCACATCATCAGACTTCTGTTTCGCTGTGCT
 ACTCGCGTGATCACTCACCGCAGCAACATGATGAGGAGCGATCTGGCGTTCCGTATCTG
 ATGTATCAGTTATTTCTGCTTGACATGCGAGAACACCCCGACAATGGCGACTACCGT
 GTCGTACCTCCCGGCATAATAGAGACCAACACAGCAACAACCCCTCAGCTCATGTGGTC
 CACCAACAACCACAACCCAGCCAGCGCAGATTCGCCACATCACTACCGTGCATA
 CCCCAGAAAACACGGTGTCCGAACACAGTTTAAAAATCTATAACCCACCAGCCACACC
 CCTCTAGGAGGTGAAAAAT

>naRXA01042-downstream
 TAGATTTATTATTAAACACTTG

>naRXA01043-upstream
 TACTAGGTATAGCAACGGATTAAATAATCACTATAATTAATTCTTTCCGTACTCATTTTA
 ATCACTACCTATTCAACCACTTGAACGGAGCGTTTTTCGCC

>naRXA01043
 ATGTTGAAATTCCGCATCATCTCCACAGTCACTACTGGATCTCAGCCAATCCACGAAAA
 AGCTGGAGCCACCCGACACCACTCTCCTGGTCACCATGGTCACTGCACCATCGCTGTGC
 TCAGCCATCAACGTGTGGAACGCAACTGAGCGTATTCCTCGCTCAAAAAATCCTTAATGTC
 GAAGAAGTACACGTTCTTGGTGAGTGCAGCGACGCCATCATCTCTACGTCATAACCAAA
 AAGGACAATCCGCACGCACTTGTGCCCCGATGATTTTCGACCAATCGGCGATGTGTTGGC
 TATCGCAAGACAATGTAGCTGTTTTTGTATGTCATGTGTCGAGCACTGGGCGGTGCTGGT
 TATGGCCTGCTACCCGACTGGTCATGCACCACATTGATGAGCACACCGTTGCACTTGTC
 TTTGATACTGATTCCCTACTGGGACGCATATCCTCGGTGAGCGCTGCGTGTACTCCGAC
 ATCATTACATGACTGACGATAAGTCTGCCCGTGGCTGGGGTGCAGTCATTGCCATAGCA
 CGAGCCATCATCTCAAAGTCGAACAGATCATG

>naRXA01043-downstream
 TAGTACCCACCATGACTCACTT

>naRXA01044-upstream
 CAGATAGCCACTACCTACGCATCTGTTGTGCTGAAACAACAGCGCGACACTCACTCTT
 CTCATTACTCAACAACCTACTTTTAAGGACTACATAACTT

>naRXA01044
 ATGTCTCTCTACCTTGACGACACTTTGTCTCGCATCGTTGAACTTGATCTCAAAGACACC
 CGCATTGTGCCGTTTCTTGCTGGTGAACCAGGTATCGGTAAAACCTCATTATCTACGGC
 ATCGGCGAACGTGACAGGCTACAAAGTCTTCAGTATCTCGGTAAACACCCTTGCCGATAAG
 GGTGACCTCACGGGCGTCGCACCCCTGCAGGACCTGCCGATGGCAAGTGGGAAGCAGATG

TTTTTCCCGCACGCGACCTTCGTCGAAGCAAATGACTATGCACTAGCAAACCCAAACGAA
 ACGGTCGTCATTCTTCTCGATGAGATTAACCGAAGTATTCGGATGTCACCTCTGCCTCG
 ATGACTATCTCTACTGAGCGTCGCGTTGGTACCACCGATCTAGCACCCAATGTCCGCCTT
 GCTGTCAACGGAAACCTCACCAGTAATGTACCCACCTTGATTGAGCATCTCTGACCAGG
 TTCTCCCTCTATGAGGTCAAGCCATCCGAGAGACCTTCATGAACATCATGGGCGGCCGC
 CTCACAAGTACATECGGTACCGTGCTGACCAAATACCCGGAATACATCTTCATGAAGCCA
 ACTACTGCTACTGCTCTTATTACCACTGGCGATGATGATGACGACCATAACAACCAATGCG
 AAGCAAATGATGGACTTCAACGCTGTGCTCGGTTTACACCAAGACATGGTTCAATTTACC
 GCACCTAGAAGTATCGAAGGTTTGTCCGTCTGGCTCAACAACGCCGATGATGACTTTCTT
 CGTCTACTTCTACAAGAAAAGGTGGATGGTCTTGCTCGATCCATGAGCTTGCTGCAGGCT
 ACGCTCGAATCTCACACCGCGGATACCGCTTTTACCGCAGAAGTCTCAGCGAAATGACC
 AATGATCTGCTGAGCTCCGCATCGCAAGCTCCTAGTGGTCCAATCAAACCATTGTCTAC
 GACCGACTCGCTGCTGCACCAAGCAATACTGTACTGGAACAAGAGGTTACACACTCAGT
 CTCAATGACCGCGCCGATGTCTTGTGTGTTTGGCCTCCATGACACTGTAAACAACGCTGCA
 CCAAGCATCATCGCTCACCTTGATCTGAAGGCGTACTTGATGAACTGCCCAAAGACAGA
 ATCAGCAAAATTGTTTCACTCGGTCTGTACCAACGGCAAACATATCAGCCTTGACCAGA
 CAGGATACAACGTTGACTCGAAATCTCGGTCCCGCTGTCTTGGGCTTCTTGAAAGT

>naRXA01044-downstream
 TAAAGCAATTTCTTAAGTACCTT

>naRXA01045-upstream
 CAGCTGAGGTAGTCATCTGTCTACCTGCGTGAGTAGACACTAAATCCTGTCCACGCACC
 CTTACCCCTTCTTGACACTAGTAATTGAAAGCGATCCCTC

>naRXA01045
 ATGGTTACCTTCAGCGTCGCAAATCACGCGCCTCATACTTTTAGCCCATTCGATATTGAA
 CCACCACTCACCGGTAACGCCACCACCGACGAACATGGTTACGAACACACCTCAGTGCTA
 GAAAACTAGCCTCCAACCACCTGTTCAATCCAATCAATCCGCAACACCCAGTCACTATC
 ACAGCCACCGAAAACGGATCAACCGTTGATCTTGATGCAGCAGCACTAGCACAACTCTT
 GCTCTAGCGATTACCCAGACTCAATGCTGGCAAATCATCAAGGCTACAACCGTGACATG
 ATGGGTCTACTTTTCGAGCTTACTAACCATGTTGGCTTTGATCGCCGATTCAATTGTTGAC
 CAACTCTTTATCTCCCAAGTGCTCAAAGCGAATCGTCTACCAGCACCGGCAAACAACGTT
 ATTTACACCGTGCCCAATGACGTTATCCCATCTGCTAAAGACATCTTGTCACCACTGCA
 AAAATGAACAATCCACTGACAGTTACTGCAAGTGCCCAATTACTGTTGACGACATTCAC
 ACAGCCTATGAGGTATTTTTTCGCTTCTCTTGCTCAGTGTTTTTCCCTTATACCTACGGT
 GCGGTATTCCTTAACAACGCAGAATTCGTTGAGTTTGTGATTACCTTATTAACGAAGCA
 ACAACACTGCACTCGGCATCACTCATCTCCAACAACACCTTTAATAGGTTCCAATCAATG
 CGTAACATCTCCATTGATAATCTCACCGCCGAGTTTCTCTTACGCAAAAATGAAGCAGAG
 ACAACTGATGATTATTCATTCCCGCGCTACTTGTTTCCCTGCTGCATTCTTGGGTGAAA
 CTCAATCACGATGATGCTCGTGCTAACAATGATGACCCACCTGTGCACTAGCACCGTTT
 AGTGTGGCTCAATGGATCATGCCGAGACCAATTGTGTTTATTAATGCTGAAGCTCATGCT
 CATGCATCTCCAGGACATTGAGAAGAAATGGAAGGAAATTAATGCGGCGTTAACAGGG
 TCTATTCGTATTATGTGCGCAAATGCAATTTCCAAGCTGCAATCTGCTCAGCATCTCGGG
 ATGCAAGCACAAATGCAGGCCATGCGTGCTCGAAAAGATCACCACAACATGCAGAAGCGT
 TCCTCACAAGAAAACGACTTTTCCAAGGCACTCCCTCACCACAGACTATCGTGCTTTCT
 GTCGAGAGGTTCTGCGCAAACCTCACTCACGTACGCCAATCGCACAAACCTCAGAAATAC
 CAGAAGAAGTCTTGACCAGAGCTTCTGCGCGACACCCGGATAACCTAATGTCCCTGGC
 ACCATTAAGAGCAAGCTCTTCTACCTGACCTGCATGTTTATGTAGATACTTCTGGTTG
 ATTAGTGAAGAAAGCTACCGCAACTCTGTGGTTCTGCTCATGCAGCTTGCCACCAAACTG
 GACATCAACCTCTATTTCTCCACCTTCTCTCACGTGCTCTCCGAAGAAGTACTATTGCCG
 ACCAAGGGTAAAACACCACAGCAATTGGCAGCTCTTATTTGCGCCATCCCAAAGGTCTCT
 GCGGTAAGTACTGACTATCACCAGATTGGGATTACATCCAGATCAATCCGAGCGCAAGAA
 CGCATGAATCTTGTGTTAACTGACTTCGGATTATGCCGAATCGCGGCTTAAACATCGAC
 CACCAAGTTCTATTTCTACGTCCAATCCTGCCTGACTACGGCAGCTGGTCAATGGTT
 CGAAGAGATATGTCTCATTTGCAAATGAAATGGTTGACTTCGACCCCTATATCCACAGC
 CGACTACTCGGCGTACACGGAAAA

>naRXA01045-downstream
 TAGCAGCTGATCCATCTAGGGTC

>naRXA01046-upstream

TAGCGATCCTAGGCAAAATGCACCAGCTAACCCACCGCTCAACCGCCATCTGCCCCAC
CTCACACTCATCACAGCAGGGTCTCCCTCCGGGCGCCATT

>naRXA01046

ATGATCCCTTTTCCAGGGCAACCGCAGCAGCAAAGCGCACCCAATGACGAGACCCGTTTC
ATCGACCTTAACGAACGTCATAAAGATGATGAACCAGCCCTGTTTCGCGATGATGTTATT
GATCAAACCTCTCGCTATTTTGATCAGTAAAAATAAGCCCAATGCGCTACTCGTTGGGCCT
GCCGGTACAGGTAAATCCCGTATCGCAGAAGATATTGCGCGCCGCTTGCCAATGATGAC
GTATCTATTCCCGATCAGCTTGTTCGGCCACCGTATTCTTGATGTCTCCATTGCAGAGCTT
GTTGCTGGTGCTGGCGTTGTTGGTCAGCTCAAGAAACGCATTCTGGATCTCATCAAGTAT
GCGACCGACCCGAGTAACAAAGTCATTATCTTTATTGACGAGATTACCAAATTGCTGGT
GATCAGTCCAGTCACAGTGGATCGCAAGCCAAAGTTGCTCAGATTCTCAAACCCTATCTT
GCCCCGTGGTACCTTCGTGTTATTGGTGCCACCACCAGGAAGCTCGTGACTTCGAT
CATGATCCAGCCCTCAAACGCCGTTTTAGCAGAGTAAATGTCGATGAATTTGATCGAGAT
CAAACGCTCACTATTCTTCATGCTGCACGTGATGGTTACCTCAAACATTTCAACAACGCT
GTCACGGTATCTGACGACGTACTGGGCTATGTCTACACCTACTCGCAGCAATTCAACCCA
GGCAATACAGCACAACCTGATGCAGCACTGACGCTGTTTGATAAGGCGTTGGCTTCCCTA
ACTATGGAGAAACAGCGTCTGATCAACAACCATGTCATTGCGCCGTCGCTCAAGTTCCCT
GTGTCTAGAAAGGCACATCCATAACACCGCTCGCAAACCTTGCCCTTTGGCTCTCAAGTGCCA
GCCTCCATCAATACTGATGATGCTCGTGACAACTCGAAACGTTGTTTGGTCAAGATCAT
ATTATTGAGCCAGTACTCACCGCTATCAAGCGTGAACAGCTTGGTATTTTCCCTCGCACC
AAACCATTGAGCTGGGTGTTTGGTGGTTTCATCTGGTGTGGGTAAACAGAAATGGCGCGT
ATTCTCTCTCGCGCCATTAATGGCGGCGATCCCATCATTATCAATGGTCCCGAATACATT
AGTCCTGAGTCCATTACTGGCCTTATCGGATCATCCGATGGCTATATCGGCTCTAATTCT
AAGCGTGCTAAACCACTCGACCCGCTGATTTCTAATCCGCGTCAGGTGATTGTGCTCGAT
GAATTTGAGAAGTCTCACCTCATTTCCAGCAATTGTTTCATGGCAGCTCTTGATACAGGC
ACTATGGCGATGGTAAATGGCACGACATTGAATTTCTCTCAGGCCATTATCATTGCCACC
ACCAATGCAGCCCGCGACAAAATCGGTCTGTGACAGCTTTGGATTTCGATTAGATAATTCA
GGTGTCTCGGTTCTGCTCAAGCAGCAACTGATCCGCGTGACAGGAACGCCTCAAGTCA
CTGATGTCCAAGGATTTCTGTTGAAGTGTCAACCGTTTCCAGAATATCTTTGCCTTCA
ACCGCATTGATGCAGGCACCTACCGTGAGATTCTGGACAATCTCTACCAGCGTCGCCGTG
ACGCCGTGCTGCTTAGCCACCCCGATTACGCAGCACAGATCCCTGCAGATATTGATTCA
GACACTCTTGATCAGCTGGTGAAACACCTTTATCTCAGATTTTGGTGCACGTCCTGCT
GCACGCACCATCGAAGACCACATCGCATCCTTGCTGATG

>naRXA01046-downstream

TGACCAACCTTTTAGGAGTACAT

>naRXA01047-upstream

AACCACCTTTATCTCAGATTTTGGTGCACGTCCTGCTGCACGCACCATCGAAGACCACAT
CGCATCCTTGCTGATGTGACCAACCTTTTAGGAGTACATC

>naRXA01047

ATGATTGATACCACTGCTAACAGCACCTCAGGCACCCTACCTACACTCACTGCTGACCAA
GCTGCGTTTATACCCGTTTGTGCGAGGCTGCTATCTTACAGCCACCGTCACAATAGAT
AACGAACCTATATTTCTTGATGAAGCGTTCTTCTTAGGTCAAGAAACCTATACCGACATT
CTCATGAATCAACTCCGCACCAATGAAGCCATTGTTAAAGACTGTCTCGACTTCTTCCTT
GACAATAACACCAATGAACAAGCTCATTGTTGATGGTCTATGCCAGATTGGGAGCAC
CACGGCCATGATTTCTTACTCACCCTGACCATCATGGTGCCGATTCTGGGATCGTGGC
TACGACGAATACGGTGCCCAACTCACCGACAATGCCGAAAAATATTAGAAAACGTCTCT
AATTTCTGGATTGAGCCTGATAGTGACCCTCTCATTATCAACTTCGAGTACCAC

>naRXA01047-downstream

TAACACCCCTTGACCTATTTTT

>naRXA01058-upstream

CTCCCGTAATAGGGGTAATTTTGCAATTAAGTAAAGTAAGAAACATTGCTAATC
TTTATCTGGGTAATTAACAATCGATTTTAAGGATATTCTC

>naRXA01058

ATGCGTAAACTTCGTACTGCTTCCGTTGCACTGCTGACCGCAGGTGCACTTGCCTGACC
GCTACTCCTGCAATGGCTCAGTCCACCACCGGTTCTTCTGCATCTTCTCAGGTTGGCGAC
GCACTCGGTGCTAGCGACTACGAGCGCGACATCTGGGGTTCCTCTAAGGACTTCGACGAT
GTAACCCCATTCGGTTCCGCTTGGTACGGCTACACCCTGGCCGCAACCGCAGTTGCTATC
TCCGGTCTTGTGTACGCAAACCTTCTGCAATCGAGCAGGCTGCTGCACAGGCCGGCATC
AAGCTGGAGATCCACGCTAC

>naRXA01058-downstream
TAATTGCCACTGCAATCTTAAAT

>naRXA01062-upstream

ACAACACGACAGTTGTAAGTAGTGGTTTCAACACCATTATCGGTATGACTCGTGGCGACT
CGTATCTCTCTGATGATCTCGATGACCTGGGTAAACCCG

>naRXA01062

ATGAACGAGCAGGAACGAGAAGCCTTAGAGGATGCTGCCCTTGAGGAAGCTGCCTTAGCC
GATGAATTAGCTGCATTAGAGGCTGAAGCTGGCGTACAAGGTCAGTCGAGCCTTATGAC
TATGCAGCAGACCTTGATGATGAGGACGAGTTTATGAGGACCTTTTGCTCAGGATGAA
CCCCGTGACGCTGGTCCGCTAGGTGAGTTGAGCAGTGATAACCATGTCTCTGAGGCTGTT
GCTGAAGACACTGGGACAAGTACAGAAGAGTCTGCACAAGAGGGCAGTCACGAAGAGTCG
GTAGACAATCCCCGTGATTTTACCGGCACTGCGACAGCGGTGCGATCTTTTCGACCCAGA
CTTCCCGTACCCAATGCACTGCGACCAGGACCAACCATCCGAACACAACCGGCAGTGAAC
ACCGACATATATGATGGCGGGCAAGAGAATACAGCTGGCGGACTGCCGCAGATGTGGGG
GCGGGA

>naRXA01063-upstream

ACTTTCTTGTAAGGCTGCGGTAGTGGATAAGTTAATCAACTATGAAATAGACTAACTTA
ATCATTAAACATTAATGGATTTTCGGAGAATAGGGATAGAC

>naRXA01063

ATGGCAGACGAGAAAAAGGTTTCATGTACGTGCCCACTGCGCTTTGATTTCAGACACCCAC
CAGCGGGCAATTTATTGGGCAGATCGAAAAGGTATCTCGCTGAGCGCGTATGCAGAAGAG
GCGATCAGAGAGAAGATTGATCGTGATAACGGTGTGCACGTTATTCCGAATTCAGTGTG
GATAACCGCATGAACCAATCATTGATCAGCTCAGCTCGTTTGGTTCGTGAGTTGGCGAAC
AACACGACAGTTGTAAGTAGTGGTTTCAACACCATTATCGGTATGACTCGTGGCGACTCG
TATCTCTCTGATGATCTCGATGACCTGGGT

>naRXA01063-downstream
TAAACCCGATGAACGAGCAGGAA

>naRXA01066-upstream

AAACGTATTCCTTGACCTGCGCATCAAGGTGCTGAAGAACTGGCAATCCGATCCAAAGGC
TTTGAACCGCCTGGGCTTCTAGCTTTAAGGGGTGAGTTC

>naRXA01066

ATGCGTAGGGACAGTTTTCGGGACCGCGCGCTAGTAGTCAAACTTATGATTTTGGCGAA
GCCGACCGCATTTATTGTGCTGCTCACCCGAGACCACGGCATCGTGCGCGGAGTTGCCAA
GGAGTACGCCGATCCAAATCCCGGTTTGGGTCAAGGCTGCAGCTTTTGTGGAACTCGAC
GTGCAGCTCTACCCAGGTAGAAAACGTCCACCATCTCTGGCGCGGACACCGTCGGCTAC
TACGCATCAGGCATCATCGAGGACTTCACTCGGTATTCTGTGCGTCCGCCATCCTGGAA
ATCGCCACCCACATCGCAGGACTGGAAAACGATCCGCACCTGTTGAAGAAACCAACCCGG
GCGTTGAAAACATTCAGGACTCCCCAGAACCCATCCTCAACCTAGACGAGTTCATGCTC
CGCGCCATGAACACGCCGGCTGGGCACCAAGCCTTTTCGACTGCGCAGCCTGCGGCCGA
CCAGGACCTCACACGCATTCCACCCAGGCGTCGGCGGGGCAGTGTGCCGTACTGCCGA

CCGCCGGGAAGCGCCGAAGTCCCACCAGAAGCACTACACATGATGTGGTTGGTCGCCAAC
 GGCCAAGCAGCCCGCATTCCCCGGGAACACCCAGAGCAGCAAACCACCATTACCAACTG
 ACAACCGCGCATCTGCAGTGGCATATTGAAAGAAAGCTGCCACGCTGGCGGTGCTGGAT
 CAGGCC

>naRXA01066-downstream
 TAGTGCTTAGGCTTAGGCGTCCG

>naRXA01068-upstream
 TGGTCTACCAAGACAAGCTGTTCCCTGATTTACGCAGCAAGATCTGTACGACGCGGTCC
 TGAATACGCCAAGCGGGATCGCAGATTGGAAGCGCATA

>naRXA01068
 ATGCCACCAACCAGCCGACGCCAGCCCAAATCAAACGCTGGCGCGGATACCTGGCCAAT
 GAGCAAGCAGAGCCGACGCTACCGCAGCTGGCCAAACGACGCGAAGGCGAAGAGCGA
 GACATCCTCCTAGCGCTCGCCGACGCTGAACACCGACACGCCGCTTACTGGGTGGAAAAG
 CTCGGCCCTGATGCCGAAAACCCACCAAAGCCGACGTCAAAACCCGCTGCTCGGTTTT
 CTAGCAGCCGATTTCGGCTCCGTGTTACCCCTGGCACTCATGCAGTCCGCCGAAACGCGC
 AGCCCTACGACGACGATGCCGACGCTCCCGCCAAATCAGCGCCGACGAACGCATCCAC
 GCCGAAGTCGTTGAGGCCCTAGCCAGCCGCGGACAGAACGCATGAGCGGCAACTTCCGT
 GCCGCCGTATTGGAATCAACGACGGCCTGGTCTCCAACGTCGCCCTCGTCATGGGTGTC
 ATGGCCACCGCGTGGCCGCCCAAATTGTTCTCATCACCGGCATTTCCGGTCTGCTCTCC
 GCGCGCTATCCATGGCCGCCGGCGAATACATCTCAGTGCCTCCCAAACAGAGCTTCTC
 GACGCTCCCTCCAGACCCCAAAGCCCGCGAAGCCCTCCACGCCCTCGACGTGGAATCC
 AACGAACCTGGAACCTCGTCTACCGAGCCCGCGGAATGAGCGAAGACGAAGCGCGGGCAAAA
 GCGTCACAAGTTTTCCAAAGAATCAGCGACCAAAAACGCATCAGCGACAACGTCCTCGGC
 AGCACCGAAATCCAAAGCGCGGCTCCGCTCGTTCGGCCGCCACATTACGCTTCTGTCC
 TTTGCCATCGGCGCATTCCTCCCGATCGTCCCATACGTCTTCGGCATGGAAGGCCCTCGCC
 GGGGCAGTGGTGTCCCTAGTCCTCGTCGGACTATCACTGATGGCAACGGGCGCGACCACC
 GGCCTGCTATCGGAAAGCCACCGGGAATCCGCGCGGTGCGTCAGCTGTCGATCGGCTAC
 GCGCGCGCGTGGTCACCTACGTGCTCGGCCCTCTGTTCGGCATGATCCTT

>naRXA01068-downstream
 TAAAAGCTCTTGCTTCTCGACGT

>naRXA01069-upstream
 TCCTAAGCTCTTTGAGTACCTGAGACCTTCTCAGCAAAACACAAAGTGCCTTCACCCAA
 CCTGGGGTGGAGGCACTTTCTCATTTGCTAAGGTGTGCATC

>naRXA01069
 GTGAACGATTTACCGAACCTACCAAAGCTGCCCTTCAACTGGACATGGGTGCTGGCAACT
 GTTGCCACGACAGTGGTGTTGGCGGGTATTGGTTGTATGTGATTACCCGTCGTTGCCA
 GATCCTATGCCGTTGCATTGGAATGGATCCGGGGAGGCGGATAATTGGACGCCATAATCG
 GTGGGTTGTTTTCTTCACTGATTTTGATAGGGCCAGGCATTATTTTGCTGACCCTGTCTG
 GGTATGCAGGCGTTGCTGACCATGCAGTCTGGAGTGATCACGCAACGCGGTGGGGCGAAA
 TCGGCGAATGAAGCGCACCGGCAGTGGGAAACCTACAAGGCAACAAGCATGCATGGGT
 TGGTACATGTTTGCTCAACGCTTTGATTTTGGTGATGATCCTCAATGAGTTCCGCCCA
 AACCTCTGCCTGGTGGATTTATCATCGGGCTTATTGGAATTATTGCTGCCACGATTGTC
 CTGTTGGTTCTGATTGGAATAACAACACGAGTTGGCAAAGAAATACCCCATGCCTGAC
 CAAGATGGAAGACGTGGGGGATTTTCTACAACGATCCGGACGATAATCGGATCTTAGTG
 GAC

>naRXA01071
 AACATTCTGTACGCGCTGCTTGCTCTGTCTGTCTGTTGTTGCCATCATCGGCATCATCAAC
 ACCCTGGCACTGAATGTGATCGAGCGTCGCCAGGAGATCGGTATGCTCCGCGCAGTTGGC
 GTGAAGCGCGGACAGGTCCGCACCATGATCACCTTGAATCTGTTTCAATCGCCATCTAC
 GGTGCTGTGATTGGTATCGCGATTGGTCTTGGTCTGGGCTGGGCCTTTGTGACAGTGATG
 TCAGGCGAAGGACTAGACGCTGCGGTTAGTATCCCGTGGGGTCAGGTCGACTGATGCTT
 GTTGGTTCCGCTGTAGTCGGTGTTATCGCCGCGCTGTGGCCGGCAGTCAAGGCATCTAGG

ACACCACCTTTGGATGCGATTACCGAC

>naRXA01071-downstream
TAGTTTTAGCGGCAGTTGAATCA

>naRXA01074-upstream
CGAATGAAATCACTGGGCGGGAGTTACCCCTCGGCGAGGAGCCTGAGCGCTACTAGCTTT
GCCACATTTCACTAAACGCCCCGCACAACCCCAAGCAGCC

>naRXA01074
TTGGCGGAAGCCGCGAGGTCTACGCTGGCTCGCCGAAGCATCTTCAGCTGTGGCACAGGTT
GTTAGCGCCGACGCGAGAGCAGATCAGACTGTTGGCGTCGAAACGCAATTGCCACACCC
GATGCGGCCTTCAAGGCCGGCGAAGAGCTCGCCCGCATCCACCTTGCCGGCGCCCCAGCG
TTCGGCTGTCCACCAGCGGGCTGGGCGGGGTAAACTACATCGGCACCCAGGGACAAGCA
TGCTTATCGACGCCACCTGGGGTGTTTTTTACTCCCAGCAACGCGTACTCCCGTTTGCG
CGCCGGGCACGCAGGCGAAATCACCTCACCGAGCACGCACTCTGGGTGCTGGAAGCCGCT
TGTGATTTGATTAGCGAACTTCCCGATGACGTTCCTCCCGCCAGAATCCACGGCGACTTG
TGGTTTGGCAACCTACTTTTTGGCACAGACGGGCCTGTGTTTATTGACCCCGCAGCTCAC
GGCGGTCTATCCGAACTGATCTCGCGATGCTTGATGTATTTGGCGCACCTATCTCGAT
GAAATCCGGGAAGGTTATCTGTCTATCAACCCGCTGCCAGACGGGTGGCGTGAACGCACC
CCCATGCACCAACTCCACCCCTTTGGCCGTACATGCGGCGTCTCATGGGCCAAGCTACGGC
GTGGAATACTCCACGCCGCCAAAGCGACACTCAAACCTGTTGGAT

>naRXA01074-downstream
TAACGCCACCAATTTTCCTGCGG

>naRXA01075-upstream
GCGGTGCGTGTTTCATTAGCAGGTCAAGCGCGTAATTGAGGGCTAGACTGGTTAGTACCGG
ATATTCTTTTTTCTTTAGTTTGTGGGAGTGGAGATAACT

>naRXA01075
ATGGACAATCCAGTCAACATCCTCAATGAGCAGGAAGCTTTGGAGCGCCTGCAGTCGGTG
TCTCTTGGTCGCGTGGTGGTTCGTGCGCAGCGATGAGATGGACATTTTCCCGGTGAACCTC
ATTGTGGATAAGGGCGCAATTTACATTTCGTACAGCTGAGGGCAACAAGTTGTTTCAGCATG
AATCTCAACCACGATGTGCTCTTTGAAGCCGATGAGGTCAAGGACGGAAGGCCTGGTCC
GTGGTGGTTTCGTGCGACCGCAGAGATTGTGCGCAAGCTGGATGAGATCGCTACTGCCGAC
ACTTTGGAGTTGAAGCCTTTGGATTCCAACCTGAAGTCCAACCTTTGCCCGTATTGTTCCG
AATGAAATCACTGGGCGGGAGTTACCCCTCGGCGAGGAGCCTGAGCGCTAC

>naRXA01075-downstream
TAGCTTTGCCACATTTCACTAAA

>naRXA01076-upstream
TCCTCCCATTAAGCACCTTGTCTTCCGGAAGCTTCCACCCCAAATTCCAAACCCCAAATT
CCATGCCCCGGATGGACATTTTTCATTACACTCGGGGGCT

>naRXA01076
ATGACTCCAGTCCACATATTTTCTGAAGGTCCAATCAATAGTGTTGTTCTCAGCCAGGAT
GAGGATGGAATTTACACACCTCCTACCAGGACACGTTCTCTGATCCATCATTTTGGGG
GAAGGTGACGTTCTAATTGAGGTTGGTTGGTCCAGCTTGAATTACAAGGACGCAATGGCT
CTGAAGGGTGATAAGGGAGTGGTGCGTACTGTGCCACTGATTCCAGGTATCGATGTGGTG
GGCACTGTGATCGAGAGCGCTGATCCTCGCTTTGGTCGTGGTGATGAAGTGGTGCTGAAT
GGCGCTGGTTTGGGGGAGAACCGGCATGGAGGTTTCACGCAGCGGCTGAAAGTGCCGTCT
GAACCGTTGCTGCATATTCATTTAACTTCTCCGCGCAGCAGGTGGGTGCGTTGGGTACT
GCAGGTTTTCACGGCTGCGCTATCGGTGAATGCTCTGGTTCGATCAAGGTATCAAACCGGAG
GATGGGGAGATTCTGGTAACTGGTTCGACTGGTGGTGTGGGTTTCGATTGCACTTCACCTG
CTGAATAAGTTGGGATATACGACGGTCGCGGTGACGGGGCGTCGAGAAGCGCATGCCGAA
TACCTGACCAGCTGGGCGCAAGCGACATCATTGATCGCGCGGAGCTTCTGAAAAGGGC

CGGCCGCTGCAGAAGGGGCGTTGGGCGGGTGTAGTGGATTTCAGTGGGATCCCACACACTT
GTCAATGCGATTGCTCAGACAAAATGGGGCGGAATTGTCACGGCGTGTGGCATGGCTCAG
GGGCCGGATCTGCCGGGAACGGTGTGGCCGTTTATTCTTCGTGGCGTGCATTTGGTTGGC
ATTAACCTCTGTCGATGCACCCCGTGAGCTGCGTGCAGTGCCTGGGCGTTGCTGTCCGAG
CATCTTGATACCGCGGTGCTAGATGATATGACCACTGTGATTGATGTCAAGGATGTTGCT
CAAGCTGGCGAAGATTTGATGGCTGGCAAGCTTCACGGACGTACCGCGGTGCGTGTTTCAT

>naRXA01076-downstream
TAGCAGGTCAAGCGCTAATTGA

>naRXA01078-upstream
ATCATTCACGAGCTCGATAGCCGACAGGTTTCTGAACTCACAGAAGCCCTGGCCAAAGTC
TCCACCACCCGAGCTAAAACCTTTTTGAAAGGAGCTCATC

>naRXA01078
ATGAGCAACGCAGTACCCCAACGTTTCCTTCAACTTTGTTCCCCGCGCTTACCGTCCA
GAAAAGCCCCGCACATTCGGCATGACAGAAATTCGTGCACCGTACTACTCCACTTTCCGGC
ACCCGACACCTCCAGGATGTCTTCGATGTTGCAGGCCAGTGGGTGGACGGCATCAAATGG
GCAGGCGGTTTCCTTCTCCCTGGTGCCGACCGAACAGGTGCGTGCTTTTAGCGACATCGCC
CATGAAAACAAATGCCTATGTGTCTTCCGGTGGCTGGATTGAACTGTGCTTCGCTACGGC
GACGACGCAGTTGATCATTACTTAAAGGAAGCCAAGGAAGTCGGCTTCGATGTTATTGAG
ATTTCCACCGGATTTCATCATGTCTCAACACTTCAGGTCTTCAGCGCCTGGTAGAAAAAGTG
GTCAAGGCAGGCTCAAAGCAAAACCTGAACTAGGACTACAGATTGGTTCCGGAGGCGAC
TCTGGTGAGGCTGAACTTGACGCCGAAGGAAAGAAAGACATTGGCGATCTGTTGACCGC
GGTAAAAAAGCTCTCGACGCCGGCGCATCCATCATCATGATCGAATCCGAAGGCATCACC
GAAAACGTACCGAATGGGATACAGGCGCTGCCGCGTCCATCATCAATGGACTGGGATTA
GAAAACGTATGTTGCAAGCCGCCGACGGCCCCGTCTTTGAGTGGTATGTCAAAAACCTAC
GGCAACGAATGCAACCTGTTGCTCGACCACAGTCAAATTCTGCAACTTGAAGGGCTGCGC
CAAAACATCTGGGCAACAAGAGCACCTGGGGACGAGTAATCAACCCTGCGCCT

>naRXA01078-downstream
TAAATACCAGGTCAGGGAGGGCA

>naRXA01083-upstream
GTCGACATACTGGCAGCAAGATCTGTGTACCCGGCCCCACGTGCCTAAACTAGGTGAGC
GAGACCTTCGAGCAGTTCCTCGAAGGAGAGTGATCCACCT

>naRXA01083
ATGTTTTCCGCGAATTCGGCTGGCAATGTGTGCTGTCGAGCAATCCCTGCTGTTGTGCTC
AGGTTTTCTGAGCTGTGGCGTCACCTGTGGCGACCATGCTGATTTTTGGTACCGCAGTG
GTTGCTGCCCTCTTTGTGTTGGCGTGGGCAGCTGAAGCTGTGCGCAAAGATATTTCTGGT
GCGTTGGCAGTGGCCTTGCTTGCGTTAGTTGCAGTGCTTCCTGAATATGCTTCTGAAACG
GTTGTGAGCACACTTATCAAACATCGGCGGCGAAT

>naRXA01083-downstream
TAAGAAGGTGAACAGTTGACGCA

>naRXA01085-upstream
GAAGGGTCGTAATGAGCGTTGCCGCAAAAACCTCAAAGGTGGTGGCACCAAAGATCTTAA
GCAGACTGATCGGACCTTTGATCAGCTGCGAAAAACAGCGG

>naRXA01085
GTGACGGATAAAGCCCGCAACCGTGACGTACACAATGAGCAGCAACTGGCACGCGGTGAA
ATCGGAGAAAATGCCCTCACCGATGTGGGTTGAGGTGGGTGCTGCGATTCTGGGCGTGTTC
GTCCTGGTTGTGATGTGGCTGGCCTGGGGCGGTATCGGGCTGCTGATCCAGACCATGATG
AATACTGGCTCACCTAATGACAAAGAGCTTTTTGATGAGCTTGGTGTGAGACCCTATTAT
GTTGCTGTGCAACAGCAAATCGGCACCAAGTAGTGCTCACACCAGTGCTACCAACCGCTT
GATGAATTTGGCAATAATTTTGGCGACTGTACGCGTAGCGTGCTAAAGAGCCAGTGTTGG

TACGCCGATTATGTAGCTAGTGTGTTTCGCAGAACATGGCTTTGATGCACCAGAACCTATT
GATAATTCGGTGGGTAGCTGGCTGTTATTTGGTCATGTGGGCATTATTCGGGTGACGTTT
GTGATTGCGGTTGCAGCGGGTGTGTATGCGATGTCACGCGCAGCAATGATGCGTCAGCTA
GAAACACAAAACGTCGCTGTGGACACCACCGATATTAACCAGCACACCAATGACGCACGT
TTGGCGATTCCGCAGGAGATTGTGCGCGATTTGAGTCTGTTCCCCGATGTCGGTGCACAC
TCACCACTGEEAGCECTFAAGCATGATTTCCCATGTGATGCTGTGCAATAAGGGCTTGAAA
AAGGTGGATGTAACGCAGTTTGCACAGGAGACAATTATCGACAATGACACTGGTGAAATT
GTCTCTGAAAAGGGTGAAGTGCTCTATGACGGTGCAGGACAACCGATCACAAAGAGCTTG
CCGATGATTGACAACGAATTTAGCCATGCGATTTTGGACAAATCAGATGTCCCGAATCTT
CCCGAGCTGCGACGGTCTTTAATCCAGCAAAGATTGAGTGGAATCCTGGTGCTAGT

>naRXA01088-upstream

TGCCTTGAGTCTAATTCTCCCGCCCGTGCATGGGTTTAAGCTGGACTGATAAACCTTTT
GTGAACCGAATTTTTTAAGTATTGAAGAAGCGAGAATA

>naRXA01088

ATGGGACTGTGGATCGATGCAACCGCTGGCGTTGCAGGGGATATGTTGCTGGGAGCACTC
ATTGATGCAGGTGCAGAACTAGAAAAAATCCAACAGGTGTGGAAGCAGTCATCCCCGGT
GACGTGCTCTTGGCACCAGAGAGGTAGTGCGCCAAGGCCAACGAGGCATCAAGCTGCAT
GTGGACGCACAACATGAACACCATCATCACCGCCACTTAAGCACCATTAAGAAGCTGCTT
GTCAATGCTGACATCCCTGAACAAACCAAGCAGGATGCCTTAGGCGTTTTTGAATCATC
GCTATCGCTGAAGGAAAAGTCCACGGCATCGAGCCGGAGAAAATCCACTTCCATGAGGTA
GGAGCTTGGGATTCCATCGCAGACATTGTGGGTGTGTGCGAAGCGATCAGGCAGCTTAAC
CCAGGTTTGATTGCTGCATCTCCGATTGCTTTAGGATTCGGACGCATCAAGGCAGCTCAC
GGAGATATTCAGTGCCAGTTCCAGCCGTGGCAGAGCTGGTGAAAGGCTGGCCACCCAA
ACCGAGCTCTTATGGAGAGCACCGAACCTGTTGGTGAATTAGCCACCCCAACTGGTGTT
GCGTTGATCCGTCACTTTGCCACCCAAGATGGCCCTTTCCAGGTGGCATCATCAATGAA
GTTGGCATTGGTGCAGGAACAAAAGATACAGAAGGCCGTCCAAATATAGTGCAGCAATT
TTGTTCAACACCTCTAGGAGTAACCCAGATACCCGCACACTGGTGCAATTAGAAGCCAAT
GTTGATGATCAAGACCCACGGCTGTGGCCAGGAGTAATAGAGATCCTCTTTGCCGCTGGC
GCAGTAGATGCATGGCTGACTCCAATTTTGATGAAGAAGGGCCGTCTGCACATAGGGTG
TCAGCATTTGGTGGATAGCTCCGAGGTGGAAGCAGTGAAAACCGCATTATTTGCAGCCACC
ACGACTTTTGGGATCAGATCATGGGAAGTCGAACGAGAAGGCTTGGACCGTCGTTTCGAA
CAAGTCAGGTGGACGACACCATCAACATCAAATCGGTTCCCGTGATGATCAAGTA
ATCAGTGACACAGTCCGAGTTTGAAGATATTGCGTCTGCAGCGGTGGCCTTGGGAATTTCA
GAGCGGGAAGTTGTGGCAAGAATTCCGCAAGGCACCACCGAG

>naRXA01088-downstream

TAACAACCAAAAGGTGCGACTGCT

>naRXA01091-upstream

TCGTGCGAAAACTGGCGATACTATTGATAACGGGCATGGGTTACCTTCGATAAAGCAC
GGTCTATGCTGGACTATCGCCTTTTGACACGAGTATCGCA

>naRXA01091

ATGGTCCCGAACACAGTCCTTATCCATGACGAAACCGCCGATCTGGCGACGCAGATCCAG
CGGCTGGAACATATCATGGCGTGCCTGCGCGATCCGGTCAGCGGATGCCCGTGGGATATT
GAACAGACCTTTGCCAGCATCGCGCCCCACACGATTGAGGAAGGCTACGAGGTTGCCGAC
GCCATCGCGCAGGAAGACTGGCCCGAGCTACGCGGCGAGTTGGGCGATTGCTGTTTCAG
ACCGTGTTCACGCCCAAATGGCGCGCGAGGCAGGCCATTTGCTTTGGTTGACGTGGTG
AAGGCAATTTCCGACAAAGATGGTTTTGCGCCATCCGCACGTGTTCCGCGCGCAGTCGAAC
GCGAAATCCGCCGACGAGGTGAAGATTGGGAAGTCATCAAGGCGCCGAGCGCGCGG
GCAAAGCGCAAAGGGCGTTTTGGATGGCGTGCAGCTGGGACTGCCTGCCC

>naRXA01091-downstream

TGATGCGCGGACGAAGCTGCAA

>naRXA01092-upstream

TGAACCCATGCCCGTTATCAATAGTATCGCCAGTTTTTCCGACGAGATGACCCGCTGGCG

GCGTCACCTGCATCAAAACCCCGAAATCAGCTTTGATTGT

>naRXA01092

GTGGAACTGCGGCCTTCGTGGCCGAGCAGCTGCGCAGCTTCGGGGTGGATGAAATTCAC
ACCGGCATCGCGAAAACCGGTATCATCGCCCTGATTCACGGGCGCGAGGCTGGCCCCGTC
GTCGGCTGCGCGCCGATATGGACGCGCTGCCGCTGACCGAGATTACCGGCTCTACTAT

>naRXA01096-upstream

ACCGTGAAACAAACCGGCGGTGCGTGCCACACTGGTGCCACACATGTTTCGACAATGAC
GTTTTGCTGTAAAAGCAACAACGATTAAGGAAGAAATCTT

>naRXA01096

ATGAAGCCACGCGTGCTGTCAGCATTAGGCATTGGAGCTGGCGCCCTGGTTGTCTGGATC
AGCTCACGCATGAACTGGGTAAACCATCGAGGCTTCGACGATAAATCAGGTAGTGTACACC
CAATCTATTGTGGGTGCAACCTGGTCTACAGAAATCATGGCGCTTGCACTTGCTTTGCTC
GCTGCCTTCGCGCCCGCGTTGGTGCTCAAGCGCATGGGTGGCGCATCATTGGTGGTATT
TCGGCGCTGATCGCGGTGGGTGCCAGCCTGTCTCCACTCGCGCTTCTACCCAAGACCCA
GACGCAGAACGGGCCGAACCTGTGACCTCCGGTGTGGCCTCACAGAAGGCTAATTCC
GGAACCCTGCTGTCTGATTGGGCGGAGATCATCAATACCACCACCCATCCACTGGCGGCA
GTGGTAGCCATGATTGGCTGCGCGCTAGCCCTAGTCGGCGGCGTTGTCTTGCCATGCGC
CCTGCCGAGGACACCGCGAAAAGCAATCAGTATGAGCGTAAACAGGCTCGCGCTGAGAAA
ATCCACACCGATTGGCCCCAAGATCCAGACTCCGGTTCGTGTGATGTGGACGCACTCGATG
AAGACATTGACTTCACCGAGAAGACTCAGAAATCAAAGAAACCCAGGTCAAAGCTAGG
GTGTGGCACCTGATTTCTTTGCCATGTGTGTTGCGGA

>naRXA01096-downstream

TAACCTTAAACACAGCATTGGTT

>naRXA01102-upstream

ATTCTATGGTTGTTGGGAGAGATGACTTAATTTGGAATCACGGGCTTTAACACGCGCTGA
CATTGAGCAACTTCCAGCATGTGGAAGCCAGGTTTC

>naRXA01102

GTGGCTGTCTCGTGGCGGTTGCAGCAGCGTTCGGCAGTTGGTCACTCCTTCTTCCCGTC
GTACCGCTAGCGGTCTCAACAACGGCGGATCAAGCGCTGTCGCCGGTGCCACCACTGGC
ATCTTCATGGCAGCTACAGTGATCACTCAGATTTTCACTCCCGCTGCGCTGCGGAAAATT
GGCTACACCCCAAGTATGGCTTTTCGCCGATTATGCTGGGTGTGCCAGCCATCGGGTAC
ATCTTCAGCGTCGAGCCAATTCCAGTGCTGGTAGTGTCCGCACTTCGAGGAATTGGGTTC
GGTGCGCTCACCGTCGAGAATCTGCGTTGGTGGCTGAACTCGTTCCCGTACGCTTCTTG
GGCAAAGCTTCTGGAATGTTGGGCGTATTTATTGGCCTTTCCCAAATGCTTTTCTGCCT
GCCGGGTGGCGTTAGGTGACCAATTTGGCTACAACGTGGTCTATGTTTTAGGTGCCGTT
ATCGCACTAGTTGCAGCGGTGATGTGTCTGCGTATTCCGCAAGTTAAGGCAGCGGCAAAG
CAGCAACCACAGGTGAGCGAACAGGAGCGTTCTGTTCCACCTGGAAGTTGGTGCTGGTT
CCCTCCTTGGCTGTTACCAGTTTGTCAATGACTTTTGGCGCAGTGTCTTCAATCCTTCCA
GCTGCAGTCATTGAGTTAGATCCAGGATTAGGTGCTGCATTAGCGGGTATTATTTATCC
ATTACCGGTGGTTCTTCAATGGTGTTCGCTACCTGTCCGGCGTTATCGCTGACCGCCGC
GGTGTGCCTGGTACCACGATGATTCTGCTCAGATCATTGGGTCTTAGGTGTCGTTTTA
ATCACCGTCACAATCTTCCAAGGCTGGTCCGTGTGGCTTTTGATTATAGGTGCAGTGATG
TTTGGTGGTCTTTTGGCATGGTGCAAAACGAAGCGTTGCTTTCAATGTTTTTCCGGCTT
CCTCGCACTAGAGTCTCCGAAGCCTCCGCCATCTGGAATATCGCCTTTGATTGCGGAACA
GGAATCGGAAGCTTCTCCTTGGCATAGTTGCCGCATCGCTTGCTTACAGTGGTGCTTTT
GGTTCGGAGCCGTGGTGATTTTGTGTTGGAATCGTTTTGACCACCGCCGATCGAATCATT
GGGCGGCACCGCATTACTGAATAACAACACCCGCGCGCTTTGCGCCAGGTGCCAGTC
GCTCGGCGTGAGTGCAAGGGCTGCGCAACAGGCGCAAAGATCGC

>naRXA01102-downstream

TAAACGCTTTTCGACGCCACCC

>naRXA01103-upstream

CCGAAGCAGAGTACAAGGCTGTTGCCCCGTGCGCTGCGCGGTGCCGTAGAGATGGATCCTC
GTCAAACAGGAATCCCATCCACTAAGGGAGCGCTCTAGAC

>naRXA01103

ATGAACTCTTCTCCCATCTCTGATATGGTCACTGCGGCTGTGCAGAACGAACCAGATGCG
GGCGACCGATGGTTTATTTATGGTTTGTTCCTCATCGCCGGGCTTTTCTTTGGCGGTGCC
TGGTCTGCATATAAATCAGAAAACAAAATCCTCATGGTTGCAGCCGGCCTCATCGCAGTG
CTGGCAGTGGCTGGAGGAATTCTATGGTTGTGGGAGAGATGACT

>naRXA01103-downstream

TAATTTGGAATCACGGGCTTTAA

>naRXA01107-upstream

GGGTACATCAGAGTTTCAATTTGAATTAGACTTAAAACTTAAATGACCACCCAGATTTAC
CTGAATTAAACCCGCTTTCACCTTTGAGATACTGGAAGGA

>naRXA01107

ATGGATTTACCTCTGTGAATGATCGAAACGTCCCTGCACCCAACACCTCCATTCTTTTC
CCAGTTGACCTGAATCGAGTGACGGAGGCTGTTGATTCTTGGGCTACCACTATTTGAGC
TCAGAAGATCGCATCATCGTGCCGTGGCAAGATCACCGCATTTTCGATGTACTTCAGCCAC
GAATCAGGGCAAATGCTCACCATCCTTGGTCGCACGCGCCTTAATTTGGACATGTTTGCC
ATCAACGATGCGGCGCGAGCTGTCACCGAATGGAATGCCGAACGCATCGGGCCAACAGCC
CTCGTCCATCTGGGCAACGACGGCGAAGTGGAAATTGAAATTCCGCACGACCATCTGCATC
GATGAAGGGTTAAGCACCCAACAGCTACGCCAATTCATCAACCTGTCTTGGACACCACC
GCCATGGCTGTGACCTATATTCTGGAGCGTTTTTCAGAACTTAACTTCAGCGACACCGGA
AGCCCTGACGACAGCAACAATGCCGATGAACTCAGCGACGAACAAGACCAAGCAGATCTC
GTAGAGAAAATCCGGGGGCTGTACGTTCCCACTCCAGTTGAAGAGCTCATCGAATCCCTA
GAAGACGCAGAGTGGGAAGAATCAGACATGGCAGACGAGGATGCAGAAGACGACTACCTA
GACGATGACTCAGAAATCGAATGGGAAACAGACGATGACTACTTCGAACCTGAAGAAGTC
GACATGGACGAACTCCTCAACGGTTTTCTCGAAGATTCTGACATCCCCCAGGAAGTCACC
TTGGAACGCATTCCGGGCACAACATGCATGCCATCGGCGTGGTAAAAACCAGCGCGAAGAC
GATTTTCATCATCGCGTGGATCAACGAAGTGTTTTAGGCTTCTTCGTTGATAATGGCCCC
ACTTTCTGTTGAAAGGTCCTGAGGATCCAGCATGGACCCACACGCGACTTCATGAAA
CTGTTTCATGATGTGCAATCAGTGGAAACGAAACTCTCTGACTACCAAGCTTTTGCCAT
ACTGATGACAAGGTCTCCAGGTCCGGGTAGAGTTCGCGGTCTCTGTGCTGAAGGCCTC
AACGACGATCAACTACAGCACAACATCGCACTGTCAATTTCATCATATTTTGCAAGCGATT
GATTCCATCAGCACAGAAGCCACTGGATCATCAACGGTGGAAATGGCCGGAGAAAAACCGC

>naRXA01107-downstream

TGATCATTAAGGTCTTCCAAGAA

>naRXA01108-upstream

GTGGCCAGTGGAAGTTCTGCGACTAATCCACAGAGCTTAAAACTCCGGTTGTCAGTTCAG
GTTGCAAAGTTAACAGTCAACGGCTGTATTCTTTAGAGCC

>naRXA01108

ATGACATACCCGGCATCACCTCTGACCACAATCCTTATGATGGATACACAGGCGATGAC
GGGGCCGGAACAAAGCGCAACCTCCCAAACCGAAAGAAAATAAACAAATCGGTGGGAGTT
TACGCTGGTGTGTTTGCCCTAACATTGGCTTTATACGCCATTGGGGGAGCCGCATGGGGA
CTGCTCCGACCCACTTATACCGCTTATGTTGAAGACGCTGAAACAGCCTCCATAGCGGTG
GAAACCAACACTTCTTTTGCCGGCTATGCCTGGTTTGCATCGCCACCGGTGTGCTTGCA
GCAGCAATCGCATTATTCGTTTTCTGCGCACCCCTCAACATCGAGGCCAGTTATGCTC
CTATGGCTGGGAATTGTATCTATCGCAGGTTCCGTGGCATTCTGGTGTGTTGGAAACGTG
GCCTCGACGATGCTTCATGGTTACCATCTGATTACGCCTCAGCGATCGGTGCGTCTTTC
CAGGTAGCACCCACTATTACCCCTGGTGTGCGTTTGGGGTCGCTCCATTTTGTAGTGTG
TGCATGTATTGGTGCAGCGCATTTGTGACACCTGAAGAAGAGATAGACCAGGACGACGCA
GGCCAGGGGACTTCGAAAGCATCGGGGTCTGAGATGACTGGGGCTAGTGGC

>naRXA01108-downstream
TAGGGGCTAGATGTGCGCAAACA

>naRXA01109-upstream
GGGTCGTCAGCTAGATTGCTTTGCTAGGGTAATCTGCGTGAACCGTCCGGGAATTTTAA
GTTTTCCGGAGCATGTCGATGATTTATCAGGAGCAGAACT

>naRXA01109
TTGTCTATTAGCCTTTCTCTCAAAGAAGGTTGCTTTTCGAGCACTCATGGTCACCCCACTT
CTCTTGACCGCATGTGGCAGTGATTCATCTGATACTGAAGCAGCCTCATCCAGCGCAGCG
ACGACGACAAATTCTTCTCATCCAGCGCAGCGACCTCGGCGGAAGCAGCAGAAACCACC
TCGTCCGAATCTGAATCTTCCGAAGCAACAACCATTAACGAAGAGCAGCAAGCACAGCTT
GATGTACTGTCTCAAGAGCTGTCTGAGAACCAATTACCTTCGCTGAAGCTGCGCCAGTT
GAAAACGGCGAGACCGCTTCCCCAGAAGACACAGCTGCCATCGAGGCTCTGGTTCGCGGA
TACACTGACACCAACACCTTGCGTAGCTCCCTTGCGTACACCATCAACAACACCTGCACC
CGCGTTCTTGAAGCCAGCGGCGCTGACGCTACCCAGCTTGATCTCAACACCATCCCTGAT
ATCCCACTGGGTGGCGAAGGCACCGGAAGTGTGATTCCATCACCAGTGTGTGGTCAAC
GGCCAGGAAGCATCCGCATGGGTGCTAGCAACCGCCGGTGGAACACCGACTCTGCAACC
CAGCGCTTCTTCAACGAAGGTGGCCAGTGGAAGTTCTGCGAC

>naRXA01109-downstream
TAATCCACAGAGCTTAAACTCC

>naRXA01119-upstream
CCGTAAAGACGTTGGCGAAGTCATCATCAACGGTGCCGTTGCCCGTGGCGAAGCCGAACC
AGAGATGTTGGAAGCTGTCGCAGAAGAAAAGACCGCGTAG

>naRXA01119
TTGGCAGGAGTTATCACCGGCTTTGCCATCATCTGTGCGTTATCGGCGTTGGATTTCTT
CTGGCAAAGCTGGGGGTCATCAATGATGACAAACAGCGCTTGGTGTTAAACCGCATTGCT
TTTTATGCGGCAACTCCAGCGCTGCTTTTCAATGTCGTTGCCGATCAGATCCCAGCGCG
TTGATCTCACCGGTCATTGTGGTGACATTTGTGGCCACGATCGTCACAGCAGCTGTGTAC
TGCGTGATTTTCGGCGATTTTCTTTAAGAAGGATATCGCCACTACGGCGACAGGAGCTGCG
GCTTCTGCCTACGTGAACCTCAACAACATTGGCTGCGGCTGTCTATTTATGTGCTGGGA
ACAGGCGCATATGTGGCACCAGATTCTGGTCATGCAGATGGTGATTTTCGCGCCCATGATC
CTGGCCGCGCTGACCTCTGGTGATGTGAAAGGCTCGCGCGGGCAAAAATATGGGCTGCG
GTGAAAGGTTCACTGCTCAGCCCAATTGTGTTGGCCTCTATCGCGGGCCTGATCGTGTGT
CTGTTAGAAATTCAGCTGCCAGCCGAGTCATGGAACCCACCATCATTTTGGGCGGCGCA
TCCATTCCGTTGATTCTGATGAGCTTCGGCGCATATTGCCCTCAACCAACGTGCTGGCT
TCCAAGGCGGATCGCCCCAGCGTTCTTACTGCTACTGCGATAAAAATTGTGGGTATGCC
GCCATCACTTGGCTGATCGCCAAGGCGTTTGGTCTGGAGGGCGATTACCTCTACGCCGCT
GTTATTTTGGCGGCGCTGCCCCGCGCAGAAATGTGTACAACTACGCGGCGACGTACCGC
AAGGGCGAGATCGTCGCCCGCGATACGGTCTTCTCACCACGTTCTTAGCGCTGCTGGGC
ATGCTAGGAATCGCGGCCCTATTTGGTTCG

>naRXA01119-downstream
TAGGGCTTCAGGCTGCTTTTCGA

>naRXA01121-upstream
AAAGATTTACTGCGTACAACCTCTAACCAACAATATTGGCAATGGGTTGTTCCATCTTAGC
GCTTTACCTGTGAACCTCTGCAGAGCGGTACGCTTAAGCTA

>naRXA01121
ATGAATCCCGAATTTATTACGGCGCAACCGAAATTGAAACCACAAACAGGGGCTTCGC
CCGCATCGACTCAGCAAAGAAATAGTAGAACGCTACTGTGATCCCCAGTTTAGCGCGATG
GAACGCCAACCATCGGGCGTGCGGTTGTGTGTCGACCAACCGCCACCTCCGTACGCTG
ACCACGTATTCCACGCGGGTGGTGACCTCGATTCCGCGCGCCGGCGGCAAGATTGAT
GTGCTTATCGACGGCGCCCCACATCTTCCACGCCAACTTCCGGGGCGAGACCACGGAA

GTCAATTTTCATCACCGGCGCCACGGAACGGCGCCTGAAAGATCCGCAGGTGCTCACAGTG
GATGGACTTTCAGAGCAGGAAAAGGTGGTGGAGTTCTGGCTGCCTCACAAATGAAGAAATT
GAAGTGATCTCCCTTAAAGCCAACGCAGCTTTAAACACTGTCTGAAGACACCCGTCCCCTG
TGGATCAATTACGGCAGCTCCATTAGCCACGGTTCGGTTGCCACTGCCCCAACCAAAATT
TGGCCAGCCATTGTTGCCAGTCCAAAACTACAACCTGCGTAACTTCGGTTTTGGTGGC
AGCGCCATGTTGGATCCTTTTATGGCGAGGCTAATCAGGGATACTCCAGCTGATCTGATC
ACCTTGGAATTGGCATC

>naRXA01122-upstream

TATTCGACCAAGGCTGAGCAAAAAGGCGCTAAGCTGTGGGGAGATCGCAAGCCCCCTATCC
GGCCTCTACTAAGCCCCGAAGTTGAAGGGAAACTCCCCCA

>naRXA01122

ATGCCGTTTCCAGCACTGTTGTTGCCGCTGATTTTCTGGACAGGAATTGCAGCTTTGTCC
TCTTGGGCGGTCAGCCGTGCACTTCCGCTGCGCGCCGATAATTCCATTGAGATTGATGCG
CCGGTGGAAAAGGTCTGGGATTTTCATCGAGGAGACCAACCGCGTGCCGGAGTGGAATGAG
CACATTCTGTACGTGCAGGCGCCTGGTGAGATCGAGCAGGGCATGAAGCTCAAGATGAAA
ACAAGGCACCCAGAGACCAATCGCCTCACTTTGAAGTTTCGCCCCACCATCGACGTGCTG
CGTCCACACCGTGAATTGACGTGGTCCACCAAAATTGTTGCGCGTTGGCTGCTCACCGTC
ACCGACACGATCGAGCTGAAGCCTTTGGAAGATGGTTCGCACTGAGGTGGATCAATCAATG
TCCTTTAGTGGCGTACTATCCCCGGAGTGCCCTTTTGGCCAGCATCAGCAGGATCAAA
GAGAACTCAAACCGCCAGTTGAAAGCACTGATCGAAGCCGAG

>naRXA01122-downstream

TAAACCTCCAACCCCTACATAAC

>naRXA01123-upstream

AAAGAGCAGTGATTTTTCCCGATCCCCCCTGGCCGCTAGCGGAAATTATTGATACCGG
GTGGCGGTTGGTGGAAACACGTGGCTGGGCGAATGTGAGC

>naRXA01123

ATGCGAACCCTGGCCGCGGAGCTAAATATCAAGGCGCCGTCGCTGTACAAGCATGTAAAA
ACGCGCGAGGATATCGCCGCACACATCGCCACGAAGGCATTTATTAGCTGGGGCAAAGC
CTGCATGAACATTGTGAAAGTGTGGAGGATTTGCTTGCGGAATACCGCTCCATGGCTCGG
GAAAATCCAAATATTTACCGGCTTCTCACCAGTTCAGAGTTCCCCCGCGAGCTACTTCCA
GAAGGCCTAGAAACTTGGGCAGGAACGCCATTCTACCTGGTCACCGGCCACGATCCGATC
AAGGGTCAAGCACTGTGGGCATTTCGCGCACGGCATGGCCATCCTGGAAATCGACGCCCCGA
TTCGCCGGCCCCAACAAATGGATCCCCCGGGATGGCGTGTGGGAGATCGGCGCGCGGGCA
TTTGACACACAAGTATTCGACCAAGGC

>naRXA01123-downstream

TGAGCAAAAAGGCGCTAAGCTGT

>naRXA01127

GGAATTGGCCTCGCAGCATCCGGCAACATCGATGCCACGGGCACCAACCCTTCCATGTTT
GAGCCAGTCCACGGCTCTGCACAGATATCGCAGGCCAGGGAATCGCAGACCAACGGCA
GCAATCCTATCCGCTGCGATGCTGCTGCGTCACTTAGGTGATGAAGACAACGCAGTACGT
ATTGAAACAGCCATCGCAGCTGATGTGGCTGGCCGAGATAACTCTCAGCCGATTCTACC
ACTGAGGTGGGAGACCGCATCGTCAAGGCGCTGCAAAGC

>naRXA01127-downstream

TAAATTTCAACGCCGACCCCTT

>naRXA01128-upstream

ATTTCAGTACAAATAAATTTGAGAACAAAAGATGGGGGGAAATATGTTAAAGTGCCTTA
TATTGCTTTAGCGAAAGTAACTTCCATGCATCAACGTTTCG

>naRXA01128

ATGAGCTTCACCTTCATTTCGTACTTTTTTCGTACTTTTTGGCATCACGTTGTTAGTGTCA
TGC GTTCCAGAGCCTCCTGACTCCTACACTAAAGAATCCACTGTGCTGCGGTATCAGGTC
TCTGATTCAATCTAAACTTCGTGGAATTAGCAGTTGCGCTTGGGTATTTGAACAACATT
GAGCTCCAAGTAGTCGGATCTGTACAAGCGGCGTTGAGTCCATTGAATCGCTCAAAAAG
GATGACATTGACTTCGCGGCAGTCCCTTCATTGGCCTTGTTGCAGGAGAGATAGCCACC
GGTGCGCCCATCAAAGCAGTGGCCGCAAGTTACGGAATTTCCACGATTCTTCTTCTGCA
CTTCTAGTCTTTAAAGACAGTGAGATACACGAAGTGCACGATCTCATTGGCAAAACAGTT
GGCATAAACACCCCTCGGTGCTCTGGGATCTGCGATGGTTGAGCGTCATCTATTCGACGCC
GGTCTCACC GAACCTGAGATCGTGAGCGTCACTCAACGTGCATTACCCGGTGAGTACTTA
GAACAACGCCTCTACCAGGGGCAAGTTGATGCAATTTGGGTACCGATAGCGCTAAACAC
CAAGCGCTTGAAGCTGGAGATTTTCGGATCTTGGCAGAGGATTACAGACCTTGTGCAGGAA
CTCAACACTGGCTGCATGGTGGTGTGCGAAAACTCATCGACGAGCACCCCGCAGTGGTT
GGAGAATTAGTGGATGGAGTAGCTCAGGCAATCGAGTTTGAACGATCCCACTCCCTGAA
GAAGTGC CGCAAGTTTATTTCAACTACCTCGAAGCCCATGGTCAGAGTGATAGAATATCC
AGCTTTAGATATTGGGAGCATTCGGGCATCGCAACCCGAGGTGGAGTGCTCAGTGATAGG
GAGTTCAGCATGTGGTCCCACTGGATTGACCGCCAATACGACGTCCCGGATATCAATCCA
GCAAGTATTTACACCAACCAATTCAACCCATACCGAAAAGTAAACCCCTCGCCA

>naRXA01128-downstream
TAAAAGGCAAGGGGGTCGGCGTT

>naRXA01129-upstream

CAATATAACGCACCTTAACATATTTCCCCCATCTTTTTGTTCTCAAATTTATTTGTACT
CGAATGCAGGATTTTCGAGACAATGAGGCAGTTTTTCTTTT

>naRXA01129

ATGGTTAATCTCATGTCGGTCAAACTCGAAGAAATCCGCGATTTCTTAGCAGGATTTGAA
CCTTTTCGCGCAGCTACCAGCCGAGGAAC TAGATCAGTTACCTGGAAAAATGAGCTTGCGC
TATTTTCGCGGTGGGGAAGAGATCATCCCAATTGGTGTGCCCAATCATTACATGGGGGTA
ATCAGATCGGGTGCCATTGATGTTCTTGATCAGGAGGGCGTACTGCTGGATCGCCGTGAC
GCGGGGCGCTCGTTTGGCTATTCCACGATGGGGCCAGAACGAAATTCCTCGGTACCGTATG
GTTGCCGTGGAAGATTCTTGGTGTGCGTCTGGGGCGTGATGATTTTGATGAGTTAGCC
AAGCGCAACCCGTGATCTGAACCGTTACTACTCCAGCTGGTCAAGCGTATCCGCGCCGCT
GCTGATCAATTGCGCCAAGAATCTAGTTTCAAGGTGCTGCGCACGAAGTTGGGGGAGTTC
AAGATCGCCAACCCGATTTCTGCGAGCCCGGACACACGATCATGGATGCTGCCATCAAG
ATGCATGAGTTGGGGTGTCTTCTGTTGCTGGTGCAGATCGATGGGGAAC TCAAGGCATC
ATCACCGATCACTATATGCGCAGCAGGGTGGTGGCGAAGCATTGATATTCAGCTGCCG
GTCTCTGAGGTGATGACGGTGGATCCGCGTTGCGCGACCTCGCAGGGGTTGGCTTTTGAG
GCCATGTTGTTGATGTCGGAGCTGCGCATTACCACTTGCCGATTGTGGATGATGGCCAA
ATCTCCGGCATCTGCTGACGTGACATCATGCGCTTGCTGCGCCACGATCCGATTTAC
CTCACTGCGGATCTGTGCGGAAAAAATACCGTGGAGGAATTGGCCAACACCTTCCAGTCG
GCAGCGGAGGTGGCTTCGAGATTTATTGATCGGGGAGCTTCTGCGGAAGAAGTCAGTAGC
TTGCTCACCGTGGCTGCGGATTCTTTGGCAAGAAGGCTCCTTGTGCTGGCGGAGCGGAAA
TTTGGTGCACCGCCAGTTCCGTATTGCTTTGTGGTGGTGGGCTCGCAGGGCAGGAAAGAA
ATGGGACTGGCCTCTGATCAAGACAATGCCCTTGTCTGGACAATTCCTACAAAGACCGC
GAGCATGGACAGTATTTTGACGCGCTGAGTGAATTCGTGTGCCAGGGCCTCGACCGCGCA
GGACAGGTGCTGTGTCCGGGTGACATGATGGCATCCAATCCGGAGTGGCGGAAAACCTGCT
GACCAGTGGATCTCCACCTTCCATTCTGGATTACTGCGCCGAGCCGGATGCGTTGCTG
CATGCCAGACATTTCTTGTATTTAGGGGAATTTACGCGGACACCGAGATGGCTAAGGAT
GTCCACCAAAATGCGGTGAATATGGCCAGGGGTGCGCGTCGCATGCATGCACACTTGGCT
AGTCTTGCGGCCCCGCGCGATCCTCCGCTGGGGTTTTTCCGTGGTCTTGTGGTGGAGCGT
TCTGGTGAATACGGCGCGACGATGGATATTAAGAAGGGTGGCACCGCGGGCATCGTGCAG
ATGGCGAGGCTGTATGCGCTGGCCACGGGTAGTGATGCGATTGGGACTCGGGAGCGGTTG
ATTGCTGCGTGGGGCATGGTCAGGTGTGCGGTAAGGGTGCAGGATTTGTTGGATGCC
TTTGATTTCTTAGCGCGATGGCGTTCCAGCACCAGGCGCGGTTGATCAAGGTGGGGGAG
AAGCCGAACATCACATTGATCCCAAGACGTTGGGCAAGATGGATCGGGAGCATTGCGC
GATGCATTTTCCATTATTAAGATATGCAGTCGGCGTTAGCTACTAAATATCCGTTGAGG
AACATC

>naRXA01129-downstream
TAGTGTTGGGGCGTCGAAAAGCG

>naRXA01131-upstream
GAATTGATTGAAGGTGGTAAGGCGGTTTTCGCTCTTTTAATACAGTTTTAAAGGTAGATT
TGGGAGAGAAGATTTCCCTTAAGAAAGGTTCTTAACAACC

>naRXA01131
ATGCCGCTGCGACGCTGTTCAATGTTTTGACTTCAGCTGGACTTGACCCTCACCAGTCA
GGTGATGCCATTGTTGTCGAGTCTGCCCATTTCACATTGACGTTACGTTGGGATGAGTGG
CTGCGAGCTCAAGCGACGTGGGTGGGGGAGTTGAGTGCGTCGGATTATGTGCGTTCTATT
GTGGCGATTAACTCTGCCCATGATGCACGGGCAACGCCGAAGATGATGTTGGATGCCCGG
ACTGGTCTGACAACGGTGCTTAAGGCGGATAAGGGTCAGTTGCAGGCGTTTGCCGTGGAG
GCGTGCCGATTGGCGATGGCCTCAGCGAGGCTCAGTTGGCGGGGTTTGTTGGCTGCCCG
TTTGATGGCGCCATCGACCTCACTCGTGAGTTTCATGCACTTTACCCGGAGCGCTCGCCG
CAGGAGCGCGCGCAATGCTCAACATTAAGCTTGTGACGCGCTCCCCCTCTCAAACAGTT
ACGCCCCGTGCGAGTAGCTAACTGGTTCATGGATCAGGGGGTGGAGGAAGTTCCTTATGAT
GCAGCTTCTGGGCGCATCAGCTTTGAGCTGGGTGACACCCAGTGGATGTGATTTTGGAT
GATCCCAGTTGTTGAAGATCCAAGCCGTGGTGGTTGCTGACCGCGATGTGAAGCCACT
GAAGTTTTACATTTGTGTAATCGAGCGAACCTGGATTCTGATCACTCCACCATTTTTATG
CGTTCGGATGGGGATGATGTGGATTTCTGTCGCCACGGTTGCGGTGCCGATTCTGTGCTGGT
CTGAACGATTTCCAGTTGAGTCAAGCCCTGCATGATGGGGTAGTGGGGGTGTTGGGCAG
GTACGAGCTGTGATCAATCAGCTACAC

>naRXA01131-downstream
TAGTGAAGTCCATATAGTGAGAA

>naRXA01134
AGTGCAACCCAAGACACCGGAGTGTTGAAGGGTATCTTCGCACTGCTCATGGGCAGGGGA
GCACGCGACTGGCGCACCGGACAGCAGTTTGATCGCTGGACTTTTGATGAGCTGGGTTCG
AATTTCCACCAGATTTTCCCCACCAATGGTGCAAGGAACGCGGCATCGATCCTGTCTCTT
ACGGAATCAGTACTGAACCGCACCCGATGGGTGCGCGTACCGAAGTAGTCATCGGCGAT
ACCCCTCCATCCCGCTACCTGTCTCGTGTTCATCCAAGTCGCTCATGGGTGATGAGGAA
TTCGATCAGATGCTGGATACCCACCTGCTCAGCGCGGAAGACCTGCACAGTTCCAACACC
ACGCACTTCTTTGCTTCTCGACGCACCAACTTCATCGACATGGTCGAGGATGCCATCGGT
AAAGCGGTGATCAGGGACGTCAACGAGTCAGATCTCACC

>naRXA01137-upstream
TCGGTTTGAACGCAACTGCTTGCGCTTGGGTGAGCTTTGAGGATGTCTTCATTCTCTGGGG
CTCAGATTCTAAGCCACGATTTCTTACCTTGTGGCATCG

>naRXA01137
GTGCGCCCCAACCTTCGTGATCCTACGGATCTCCGAATACTTCGGTGTGCTGAAGCTGCG
ATTAATGCAGCCACTGGACGTCTGACCAGCCTCAGCGAAGTGTTCATCGACAACGCTGCC
GAGATCCAAGACAACCTTTCTTCGCTGGTCGCGCTTCAGAAAGATTTGGCAGAGCGAGTC
AACGTTGAAGGAGTCAATCCTGTTACTCCAGTTGATCTACTGGAACCTTCGCTCGGTTC
GCGCAGCTGGCCGTTGCTGCAACTGCCATTGAGGTTCGTGTTGCTGGAGGAGCAGGTTAT
GTAAAGTCTTCATCAACGTCTCGTCGTTTCCGTGTTGAAATGGGAGCTTGACGGGTCCG

>naRXA01137-downstream
TGATCTACAGGCCACGCAAACT

>naRXA01140-upstream
TATCCAACCTCCCGATTTTCAACGGGATTACGCTTGGGATGTTGATCGCATCCGAAGCCT
TATAACCACTGTTCTTCGTGGTTTTCCAGTAGGTGTGCTG

>naRXA01140

ATGGCACTAGACACCCGCGGCGAGGAAATGCGTTTCCGGCCACGCGCGCTGTCCGGCGCC
CCAGATACGGGCAAGGATCCAGGTCTTTTGCTTCTCGACGGACAACAGCGCCTCACCACC
CTTTATCATTGCTTCACTGGCGATGGCTATGTAAATACGGTGGACTTCCGATCAAAGAAA
GTGACCCGGAAGTTTATATTGATGTTGCTAAGGCTGTTGAATCTCCGGTCATGTCCGAT
GAGGCTATTTTTTCACTCGACGAAACCGGCAAAATCATCTCCACTTCGGTCCAGTGATC
GACGGCGGCATCACCGATTTAGAAACAGCACTTGCTCATGGTTGCCTTCCAGTTTCTGTG
CTGCTGGATGATAACGGCACTGATTTCTCTTTGACCTCGCCGATATGGCAGGAGAAGGC
GCTCGGAACACGCGAAGCGCTTCCAATCACAAATCGTTAAGACCTTAGTTAGTTACGAC
ATCCAATGATCCGACTGGATCGTGAAACCGCCAAAGGTGGAATTGGTTCCATCTTTGCT
CAGGCCAATAGCTCTGGCTTGAGATGGATGTCTTTGATTTGCTCACCAGGCTGTTGCGA
GCCGATGAATCGTGGAGACCGAATTCTCACTGCGTGATGACTGGGTGCGGGTGAACGA
AACCTTCGCCAACACTCCGCACTTGATGGCATCGGCAGCACGGAGTTCTCACCAGTA
GCCCTGTTGGTCACTGCCCCGAAGGGACATGCGTCTGGTTACCGTGAAGATATCTTGAAC
TTGACG

>naRXA01148-upstream

ATAGAACAAGGGTAGCCAAATTCTTGAAACAGCGCGGGCCCCCGAATCCACAATGCGAA
TCCACAATGTCACCTGAAGCCGTTAAAGTAGGTGATCATT

>naRXA01148

ATGACCAGCCCAGTTGAAAACGTTAAGAAAAAGCCACGCCCATTGGCGCTGTCACCGTCG
CGCGCCGGGGATTACCAGCAGTGTCCCCTGTTGTATCGCTTCCGCGCGATTGATCGCCTG
CCAGAGCCTAAGACCGTCGCCCAGGTCAAAGGCACGTTGGTGCACGCTGTGTTGGAATAT
ATGCACAAGTTGCCGCGTGAAGAACGCGAATATCCAGCCATGGTGAAGCAACTCAAGCCC
ACCTGGGCGCAGATGTGTGAAGAAGACGCGAGAGCTCAAAGAGCTTGTTCAGAAGATGAG
CTTTATGATTTCCCTGCGTGGATTCCCGCACCCCTGCTGCGTGGCTACTTTGAAATGGAAAAT
CCTCAAGGTTTCGACGCCACCGAATGCGAAATGTACGTGGACACTGTGCTGCCAACGGC
GTTCTGTTTCGTGGTTTTATCGACCGTGTGGATACCGCCCCACCGGCCAAGTCCGAGTTA
TCGACTACAAGACTGGCAAGAAACCAAAGCCGCGAGTGGAGCCAGCAAGCGCAGTCCAGA
TGCTGTTCTATGCACTGGTCTACTGGCGCATGTTCAATGAAATCCCAGCTCAGCTTCGTT

>naRXA01148-downstream

TAATGTACCTCAAAGTCAACGAT

>naRXA01153

CCGTTTTTAAAGCCCGATCGTTACTTCCACGCACGCGGTGGTGGCGTATTCCACCGCGCGT
GGATTTGGTGAGCACCGGTGCGTTGGGACTATGCGCAAGAGTCCCCACTGCGCGATACT
CGTGGCTTTGATCTGCGCCGATACCACCAGGCCCTGTGGTGGATCCGCACGCCATTGGT
GTGGCCAACGTGTTTGTGCCCAATGGTGCCAGGTTTTATGTGATCACGCGCACCCGGAA
TACTCTCTCCAGAGGTACCAATGCGTGGGATGCCATGGTTTACGACGCCGCTGGTGAC
CACATCCTTTATGCGAGGCGTCTCTGATGTTGCGAGTTTACCAGCCAGAATAGGTCTGTG
TTGGACGGCCATGATCCGTGTCCAGCTTTGAAAATCTACAAAAACAATGTCGACGGTAAG
GGTGCTAGCTACGGGTTCACGAGAATTACCTCTACTCACGTGAGACGGATTTTGATGTG
CTGGCTCAGGCATTGATCCATTTTTTGTGTGCCGGCAGGTCATCATCGGTGCCGGACGT
GTG

>naRXA01154

GAGGGCATTATCAACACCCGCGATGAACCACACACCGACGCTGATCACTGGGGTCGCCTG
CACGTGATCATCGCGGATGCCAATATGTCGAGACTGCGAATTTCTCAAATTCGCGCATG
ACCTCCCTAGTGCTGGATGCCATTGAGGCTGGGGTGGATTTCTCTGAACTCAAGCTGAAG
AACGCAGTGAGTGAAGTAGCAAAGGTCTCCCATGATCTTTCCCTTACCCACCAGCTGCGA
TTGGCGGATGGTTTCAAGCTCACCGCTATTGATATTCTGCGCCGCTATTTGGACAAGGTG
CAGCCGTTTGCAGAAACCCAGTGGAACAGCGTGTCACTGCGCTGTGGGGTGAAGTGCTG
GGGCTCCTGGAGAATGATCTGCTCTCCACCAGCCATCTCCTTGATTGGACTGCAAACTT
GCCCTGATCAAGTCTTTTGAAGGCGCGTGGGCTGTCCATTAACGATCCCAAGATGTACCTC
ATTGACCTGCAGTACAGCGATATTGATCCACAGAAGAGTCTGTATCACGCACTGGTATCC
AAGGGGCGGATGAAAACACTGTGCAAGTGCAGGACATTGCAGATGCAGCGGCCACTTCA
CCG

>naRXA01155-upstream

ACAGCTTGCTGGATGAAATCGACGGACTGTTGGAAAACAACGCCGAGGAATTCGTTTCGTT
CCTATGTACAAAAGGGTGGCGAATAGTCACTGTGAGTACC

>naRXA01155

GTGGAATCCGCATTGACCCGAGGATCATGGGCATTGAAACGGAGTATGGCCTCACCTTT
GTTGATGGTGATTCCAAAAAGCTTCGCCAGATGAGATAGCTCGAAGGATGTTTCGTCCC
ATCGTGGAGAAAATATCCAGCTCTAATATCTTCATACCCAATGGTTCCCGTTGTATCTT
GATGTGGGTTCACCCCGGAGTACGCCACCGCCGAGTGTGATAATTTGACCCAGCTGATC
AATTTTGAAAAAGCTGGCGATGTTATTGCAGATCGCATGGCTGTAGATGCCGAAGAGTCG
CTGGCGAAAGAAGACATTGCTGGGCAGGTGTACCTGTTTAAAAACAATGTCGATTCCGTG
GGCAATTCTTATGGCTGCCACGAAACTACCTTGTGGGTTCGCTCCATGCCGTTGAAGGCG
TTGGGTAAAAGGCTGATGCCGTTTCTGATTACCCGCCAGCTCATCTGCGCGCCCGCAGG
ATCCATCACCCCAATCCTTTGGATAAAGGCCAATCCTTCCCTTGGGCTACTGCATATCC
CAGCGCTCTGACCACGTGTGGGAGGGCGTATCAAGTGCCACCACTAGATCACGCCCCATT
ATCAACACCCGTGATGAGCCACATGCGGATTCCCATTCTTACCGCAGGCTGCACGTGATT
GTGGGTGATGCCAATGAGCAGAGCCAGCATCGCGTTGAAGGTCGGCTCCACGTTGCTG
GTTCTGGAAATGATTGAGGCAGATTTTCGGTTTGGCCAGCTTAGAGCTTGCCAATGATATT
GCCTCAATTAGGGAAATCTCCCGCGATGCAACAGGATCCACACTGTTGTCCCTGAAAGAT
GGCACCACCATGACTGCCTTGAGATCCAGCAGGTGGTCTTTGAGCATGCCTCGAAGTGG
TTGGAGCAGCGCCCGAACCAGAATTTCTGGCACCTCCAACACAGAGATGGCCCGCGTG
CTGGATCTGTGGGTTCGCATGTTGAAAGCGATTGAGTCCGGTGATTTTCAGCGAAGTGGAT
ACAGAAATTGACTGGGTGATCAAAAAGAAGCTCATTGATCGTTTCATTACGCGCGCAAC
CTTGGGTGGATGATCCAAACTTGCCCAAGTGGACTTGACTTATCACGATATTAGGCCA
GGTAGAGGCCATTATTAGCGTGCTGCAAAGCCGCGCATGATCAAACGGTGGACTACTGAT
GAGGCGATTTTAGCTGCGGTGGATACCGCTCCTGATACAACACGTGCTCATTGCGCGGG
CGAATCCTTAAAGCGGCGGATACTCTGGGAGTACCTGTGACTGTGCGATTGGATGCGTCAC
AAGGTCAACCGACCGGAGCCACAATCGGTGGAATTGGGGGATCCT

>naRXA01156-upstream

AAGAACTAAGAAATACCGATTTACGGCAGGAGA

>naRXA01156

GTGAGTGTAGTGAACGCAAAGCAAACCCAAATTTATGGGTGGCGGCGGACGTGACGAGGAC
AACGCCGAGGATTCGCGACAGGCATCTGGACAGGTTTCAGATCAACACCGAAGGTGTGGAC
AGCTTGCTGGATGAAATCGACGGACTGTTGGAAAACAACGCCGAGGAATTCGTTTCGTTCC
TATGTACAAAAGGGTGGCGAA

>naRXA01156-downstream

TAGTCACTGTGAGTACCGTGGAA

>naRXA01158-upstream

TAGGACGTTCAAGGAATTGGCTGAATCAACAAGCGCCAAGGTGGTTAAGCGCCCTCGGCG
AGTTATCTCAAAAAGAAGAAGTCTCCTACGGGAGAG

>naRXA01158

ATGTCCATTGTTGAGCACATCAAAGAGTTTCGACGCCGACTTCTTATCGCTCTGGCGGGC
ATCCTCGTGGGCACCATTTATCGGCTTTATTTGGTACGATTTCTCATTTTGGCAGATCCCC
ACTTTGGGCGAGCTGCTGAGGGATCCGTACTGTTCTCTGCCTGCTGAATCCCGCTGGGCC
ATGAGCGACTCAGAGGAATGTCGACTGCTCGCAACCGGCCCGTTTGATCCATTCATGCTT
CGCCTTAAAGTAGCGGCGTTGGTGGGTATGGTTCTTGGCTCACCCGTGTGGCTGAGCCAG
CTGTGGGGCTTTATACCCAGGTTTGATGAAGAATGAGCGCCGTTACACCGCAATCTTC
GTCACGATTGCTGTTGTGCTGTTTGTGCGGCGTGCTGTTCTTGCGTACTTCGTCGTTGCA
TATGGTTTGGAGTTCCCTCCTTACCATTGGTGGAGACACCCAGGACGCGGCCCTGACTGGT
GATAAGTACTTCGGATTCTTGCTCGCGTTGTTGGCGATTTTCGGCGTGAGCTTCGAAGTT
CCACTGGTGATCGGCATGCTCAACATTGTGGGTATCTTGCTTACGATGCCATTAAAGAT
AAGCGACGCATGATCATCATGATTTTGTTCGTGTTTCGCTGCTTTTCATGACACCCGCCAG
GATCCTTTCACCATGTTGGTGTGGCGCTTTCCTACCGTTCTGGTAGAGCTTGCCCTG

CAGTTCTGTCGCTTCAACGACAAACGCCGGGACAAGAAGCGCCCAGAATGGCTTGATGGC
GATGACCTCTCTGCATCACCCTGGATACTTCTGCTGGTGGAGAAGATGCTCCAAGCCCA
GTCGAAACCCAGAGGCGGTGGAGCCTTCGCGGATGCTGAACCCAAGTGGGGAGGCGTCG
ATAAGCTATAAACCCGGGCGCGCCGACTTCGGTGACGTGCTC

>naRXA01158-downstream
TAGGGCCTAGCCAGGTACCCTTA

>naRXA01159-upstream
CATCAATCAATGTGCAAGGGTTTTCATTTCTGGAAATCGTGGTCACCCACATTCACCAGT
CATGAACAAGCTTGTTTAATGTGAATTTGGAGTAGACCAC

>naRXA01159
ATGTCCCTCGGACCATTGGGAAATTGGAATCATTGTCTGCTGATCATCGTGCTGTTTCGGC
GCGAAGAAGCTGCCTGATGCAGCTCGTTCCATCGGCCGTTCCATGCGCATCTTCAAGTCT
GAAGTCAAAGAAATGAACAAGGACGGCGATACCCAGAACACAGCAGCAGCCTCAGCAG
CAGATTGCGCCCAACCAGATCGAGGCTCCTCAGCCAACTTTGAGCAGCACTACCAGGGA
CAGCAGGTTTCAGCAGCCTCAGAACCTCAGACCCCTGACTACCGTCAGAACTACGAGGAT
CCAAACCGCACCTCT

>naRXA01159-downstream
TAAAGTTGGGCAGTTTGCATCTA

>naRXA01160
AAATCATCCAACAAAATCAGCGACCTTGCCCGCCAGCTTAATCTGTTGCCGTATTTACC
AGGTATAAAGGCCGTACCGTCATGGAAGCAGCGCGGATCTTGGCCAACCCCTCCTCCCAA
ATCATGGAAGACCTCAACAGATTATGGATGTGTGGTCTGCCAGGACTTCTTCCAGGTGAC
TTGGTGGAGCTTGATCATTCCTTTAAGGAAGTAAAAATCCACAATGCTCAAGGCATGGAT
AAACCCCTTGCGCCTCACACCACTGAAGCCGGTGTTTTGTCTGCTGACACTTGAATCCCTG
GAATCCCTCCCGGTATTGCGAAACAGGAAGCGGTGCTATCTGCTGCGAACAAGCTACGC
GCCATCATGGGGAGTATTCTCGACTGTTTTTCGACTCCACTGGAGAAGACCTCGATGCT
GAAGTTCTAGAGATCATCCGCGACGCCATGGATTACACCAGCAGGTGAGTTTGAATAC
CACTCGCACAGATCAGACAACACCAGCCTGAGGCAAGTCAGCCCTGCTCATATCTTACC
CATGAAGGCGAAACCTACATCAAAGCCTGGGAAGAAGCTGTGAACCAATGGCGGACGTTT
AGGCTTGATCGCATCCGAAGCATTGTGCTTCTTGACAGCAAAGCAGTGCACCCGGCGCGA
GGGGTTTTCAGTATCCACGGACGATCCTTTTGTAGTTTCGCAAAATCTTCCGATATTGCCACG
TTATTGCTGCGTGAGGACGCAATGTGGTTAGGCAATTACATGGCCATGGAGGTGGATGAA
ACGGTGGAAACCGATTTCGCGATAGCGACGGATTTCAGCTGGCACACAGTCCACTTTCGCTG
CTTTCTAGGGATTGGTTTCGTCGGATTTCGCGATTGGCCATGCTGAGCATTGAAAGTAACT
AGTCCCGAAGATCTTCGGAATGCATAAAGCAAAGGCTTTTAGTGGTTTGTACGCGTAT
GATCATCACGTAGAG

>naRXA01160-downstream
TAACACCCAAGAGTAAGACGCAA

naRXA01163-upstream
ACCGTACCCACAGACACACCAGAATTAACAGAAACAGACTGAAAAACAACATCGCTCGAC
ATGCGCGTAATCCTAACCCGCGCACACTAATGTGCCGAT

>naRXA01163
ATGGGCTACACCAACCTCAACGACACACGGGTCTTGCGCGCCGGGTGATGTGATGCCTGG
TGGCGCACGATGTCTCCGCTAGTGCAGCAGGGAAGTGAGGCAGTCTTTTCGCGCATCATG
GGTCTCTCGCGGCGTCTGATCGGAAACCTGGCTTTGACGATGTCCACATTTTCGCGCA
GCTGTTTCGAGTTCCCGGTCTAAACACGGCACGTTGGTCAATGCTGCACCCCTTGAAAGTT
TTGGGCGCACGGGGCGAGCCCCAACCCGCGAGTTTCGTACCGTTTGAATACATCACCGGT
GATTCCGCAAGTTCGAGCCATCACTGCGACCGCGCTGTCTCTTTTCCACACGCCCCCTGG
ACAACCGGCCCGCTCCCGGATCGCCATGGCTCCATCCACCCAAGGCGTCGCACAGCAC
TGCGATCCCTCCACACCTGCGCCATCGGACTCAACGCATTCTATGACAAACCCCTTCGAC

GCAATCATTGCTTACGAACTCCCCGTCATCCTCTGGTTTCTAGCTCACGGACTTGACGTT
GTGTTTCATCGATTACCCCGCGACCCCGCAACCGGCGTCCAATACTATTGCGATTCCATC
GCTGCAGCTAAATCGCTTCTCGACGCCGTCTCGCTCCAGACAACCTCGGCCTTTCACCG
GAAGCACCGCTTGGCCTGTGGGGATTCTCCCAAGGAGGCGGCGCC

>naRXA01165-upstream

AGACCACTCACATTGCACATCTGCAGCTGCCAGGAAGTCTCCACCAACAGTTTCTAGG
TCACAGGGATCCATTAGCCATTTGGTCCTTGTGAAAGGT

>naRXA01165

ATGGTGGGGCATGTGCCTGCAGCAATAGCAATCCCATATTTTATTATTGAGATCCTCGCC
TTCATTGGTGTCTCATGTGGCTCGGTTTCGGCTGGGCTTTGGGTCTCCTCGTATTGTTT
TTCGTCGGTGGACTTCTTCTAGCCGGCGTGGAGCTTCGTCGCATTAGTAAGAGTGCCGCC
ATTCATCAGGCTTCGGGCCAGGGAAGTGCGGGAGCGATCGCCGAAACATTGGGCTGACC
GCAGCTGGTGCCATTTTGGTGGCCATGCCGGGGTTTGTGTCTTCGATTATCGGTTTGTG
TTCATTTTTCACCAACCGAGGCGCTGTTCCGCAAGGTTTGGCCAAGCGCATGCGCAGT
GCCATCGAGAACCTAGGTGTGCGTGGTTTTGAAGCCGTTAATGGTTACCGCACCCAGGCA
TCCTACGGAACTTCGGAGCGGCATTCAATGGTGGTGCGCAACAACCATCAATGAGCCG
ATCGTGATTGATGAAGACGAGATCCAAGCCTGGACTTCTGATCTCAAACCTGAAGATTTT
ACCAAGGTAAAGATGAATCCGACGGTGAGAAA

>naRXA01165-downstream

TAAGTGACACTGTTTGTTCGGCT

>naRXA01166

CTCACCGGAGTGATTGCCTACGCCATCGCGGGACTTGCAGTGAACCTTTCAGAGATGTTT
GAGGAAATCATGTGGTGTAAATGAACGCGGAGTCAGTGATGTGCTGAAAAATATCACC
AGCTGCGCGGGAGGTTTCTTGTGGCCAGTGGCTACTCGTCTTCCCGCGGGTGGACACAT
CAGGGCACGCCGTGGCAGACATTCTGGACGATCTGCCACTTGTGTGCTGAGTTTGGG
AAGCAAAAGCTGGTTCGTGTGGCGCCAGAAATCCAGTGCTGTTGTGGGGCTCTAAAAAT
GATGATGTCAATCCCATTTGATCCCATTAGGGAATTGCGTGATAGCTGGGCGGACAAGGGT
ACGCCATTGACCTGGCATGAATCCCAAGCGCCGCGTGTGCCAGGACGCACAGGTCTCAAC
CATTTCCGGCCCTATTTTAGAAACCTGGAAAAGTACTCGGGATGGCTCATAGATCATCTT
GTC

>naRXA01166-downstream

TGAGTGCCGTTTTAAAGGCTCGG

>naRXA01167

CCTCGCCAGCTCGTGAAGTACAAGACCGCAGACGGGGAAATCTATGAGGTTCCCTTCGCT
GATGATGCGGAAATCCCCGAGGAGTGGATGTGCAAGAACGGTAAGCTAGGCATCCTCATG
GAAGGTGAGGGAGTCGAGTCCAAGCCGGTCAAGCCTCCACGTACTCACTGGGATATGTTG
CGTGAGCGTCGCTCAATTGAAGAGCTGGATGTGCTGCTGGAAGAGCGCATCGAGGCACTT
CGTAAGCGTCGTCGCAATGCAGCGAAACTGCTGAAGGCTCAGCAAGAGGCTGAAGAAGCA
GAAAAGGCAGCTGAAGAGGTT

>naRXA01167-downstream

TAATCTTCCTGCCTAAGTTAGAA

>naRXA01169

ATCCCCGTCTTCCTGGCTGTTTTTGTGGGTTTCAGATGCCCTTGGCTCAATCTCTTTCGGC
CCATTTGTAGAAGCATTTTTCTCCTGATTCTCATTTCCACTTGTTGCTGCTGCGGGAAC
CAGCAAGTGGCAAGAAAGTGGCAGGTAGGACGTACAATTATGGCTGCTGCAGAAGCAATC
ATGGTGCCTTTAATGATGCTGACGTTGTTTCGCTGTATCGCATCGCAAGTGGAAGCTGTG
AGTGGTCAATTACCGATATCGCCACAGTAGTGCCACTATATGTCGCCTTTTGTGATGGTG
ATGATTCCAATTGGTGGCGGGATATCCAAACTCGGTGGCTTAGGTTTTCAAAGAGCAACGA
GCCATCGTTTTTAGCGGAGCAACCCGTAACCTTTGGTTCGTTTTACCTTTAGCGTTAGCA

CTTCCCGCAGGCCTGGAAATAGCGGCCGTCGTAGTTGTCACTCAAACCCTCGTGGAAGT
ATTGGCATGGTTGTCTACGTGCGCATCATCCCTTTAATTTTCATGAAAAGCAGACATAC
AGGAACTTTCAGGCATAGGGGAGTCA

>naRXA01169-downstream
TGAAACAGAACGGCAAGCTAAGG

>naRXA01170-upstream
TACAGGAACTTTTACGGCATAGGGGAGTCATGAAACAGAACGGCAAGCTAAGGTGACATA
GTCACTTAACTAAACAAGAAGGGTGGAGGACCAAGCAC

>naRXA01170
GTGAGTCTTTCAAACAAAGCTAAAGGAATCGTTGCAGTAATCATCGTCGCCTGGATCGTC
GCGATGGCTGGCATGGTTCGCATACGCGTCAAGCAATAATGCTGATAAGACATTTCCAAC
GCAGGTGCGCTAGAACAACCGTCGCAGCATTGATAGGCAAGGCCCTCAGGTCTCTGCA
GTCGCACTGGCAGACATCTACGGCGATGAATACGTCTCCGCGCGCATTCGTGCGAAGGA
ACTCCAACCGCAACACTCGAGCAGTCACTGGGCGTAGACCTGTCTGAGCTGAACCTGGAC
GAGTCTGGTGTCTTCCGCGGTGTCTACTTGGCTCTGTCCAATCAGGATGGGGAAGTT
GTCTACGACAAGATTGATCGTGCCAACGTTGATCTCTGCGCAACGCCACTCAATGGTGCT
TTCAGCGCTTATTCATTGATGCCAGTTGCCAAGGTTGGCGAGAACTCCTGGGCGATCGCC
GCT

>naRXA01170-downstream
TAGGGTTTTAAGGGTCAATCCGC

>naRXA01171-upstream
GTAGAAATTTTCATGCAGAGGAAAGCCGATAATGGGGCAGAACCCCTTCCCGCCAAAT
GACATAATGTACATTATCGGACAATTATCCATATCTGGCC

>naRXA01171
ATGTGCGAGGCCGTGGTAAGTTTAAGCCCATGACTTCAACGCTCGCCGAATCAACACTT
ACATCCCTTAAAGAACTTGAGGATCCAAAGATCCTTTCCGTCAATGAACGCCACGGCGAT
GATCACGCAGTGAACCTCACCAAGCTTCGCGCCGTTGCCAAAGAGCTGAAAAAGAACCAG
CCGCTGGCTCGTGAGCTTTGGGCAACCGACGATACAGCCGCACGTTTGGTGGCGTTGCTT
ATTTGCCGACCCAAGGAATTTGATCAGTCTGAACTCGACTCGATGATCCATGAGGCTCGC
ACGCCGAAGGTTCTTGATTGGTTGATCAATTATGTGGTCAAGAAGAATCCTCATTGGAAC
GATCTCCGTGTGCTCTGGCTTGAAGATCCCGCCGAGAATGTTGCGGCCGCCGGCTGGGCT
CTCAACACTCATGCCGTTATCACAAAGCCGGACGCATTGGACGATTCCGAAATCCTTGAC
ACCATTGAAGCTCAGATGAAACTGCCGAGCCTCGCGTACAGTGGTCAATGAATGAATGT
TTGGCGCAAATCGGCATCCATCGTCCAGAGCTTCGTGATCGTGCCATTGCCATTGGTGAG
CGCCTGGAAGTTCTCAAAGATTATCCGACCCCTCCAAATTGCACCTCGCCTTTTGCTCCG
ATTTGGATCGAAGAGATGGTTCGCAGGAAAAA

>naRXA01171-downstream
TAACCGACCTGTTCCCTATCTTT

>naRXA01173-upstream
AGATCTGTTTCTATGTATTAAAGATCACACCGAGTGGTGGAATTTCTCAAGTGATTTAC
CCACAATGGACTTTGTTGATACCCAATTTCAGAAAGGCCA

>naRXA01173
ATGCACGTGAGCACTCTTCAAACAAGAACTGCGTACTCGCATTTTTCGAGGCACCGCT
GCCGTGCGACTGTCACTTGGTGTTCGCTCTGCTCAAACGCAGAAGATGCTGTGGATAGC
GCAACAGATGCTGCCAACTCTGCAACCTCCGCCGCGGGATCTGCAATTAACGATGCCACC
GGCACTTCCAGCGCATCCACCACAGAGCCTTCCGGAACCTCTGGATCCGACTCCGGGTCT
GACTCTGCTGGAGGAGACCACTGAAGTAGAAAGCGCCGATGGGTCCACCATCAGCATC
CCAACGCGCTCGTACCGCTGCAAATGCTGCAGGATTCAGTACCCCGGAATCCGTGGAA
GAAGGCCCGAATGGTGAGTCATTGGTGACGTTCCCTGAAGGCTACATTGTTAACTCTGCA

GAAGGTGGTGCACAAGCACTGGTCGGCATGATCGGTGAAACCTGGATCGGCGAAGGCCGA
CTATCCGCGGCAGTGGGTCTCCCAACTGGGCCTGAAGAAGCAACAACAAATGGTTGGACT
CAACAGTTCACATCTGGAGTAATTAGCTGGCTTGATGATGGATCAGGACAGTTCGCAGCT
TCTGTTGAACCTGCT

>naRXA01173-downstream
TAAGGGAATCTCACCTGGCCTCC

>naRXA01174-upstream
ATATCGCAACCGTGTTAATGAAGAGGAAGAGGCTCGCGATATCGCGAAGCTGTGCCAGG
AGATGGTGGAATTAGCTCGGAATATTGAGAAGTTGAGGTA

>naRXA01174
ATGAGCAACATGCAGGGAAACGATTCCAAGAAATCTAGCGGCGCGAGTCGTGCGGAGAGC
CCACTGATCAAGTTCCGGACATTGATTATCGTCATCTTTGTCATCTTGATCGTTGGTTTG
GCATCTATTGCAGTGGGACCTGTCTGTACCAGCTCATCATGGGACCTGGTGTGAAAACC
GAAGGAATCCAGGCTGATGGCGCAGCACCTGCGTCCACCGACATGAACGGCACCTGGGAT
GTTGCCCCAGGGAGTATTCCAACACCACCTCAGCTGGATTACCTTCGCTGAGATCCTG
CCAGGCGAAGAAAAGATCACCTCCGGCTCAACCACTGGTGTCACTGGCGAAGTGGTCATC
GAGGATAACTCCCTGATCTCTGGTCTGATTACCGTCAACATGACTCACATCACCAACCGAT
CAGGAAAAGCGCGACATCAACGTGCGCACTAAGCTCTTCCACACCGATCAGTACCCAGAA
GCAACCTTTGAGGTTACCGATTCCGTTGATCTTTCTGCGCTCCCAGACACCGGATCCATT
GCTCAGGTTGTCTATCCCAGGCGAGTTGACCATCCACGGTGAAACCAAGGCTGTGGAGCCT
ACCTTTGATGTACTTCGTACTGGTGACCAAGTTATCGTGGCTTCCGATATCGAAATCAAC
CGCCTCGACTTCGGTGTAGAAACCCAGAGTTCATCGCCGCAAAGATCAATGAGACCGGC
GAGATCAACGTCCGAATCGTATTGGAGAAA

>naRXA01174-downstream
TAAACCATGATGGCATCACGGAT

>naRXA01176-upstream
GAGCTGTGCACCTTGTGACCTTTTGTGACACTGCTCAATGCTTTACGGCTACGATGAACA
ACAAACCGACGTTTTTCGACGCTGTGAAGGACTAATTGCTA

>naRXA01176
GTGCGTTATTTTTACGATACTGAGTTCATTGAAGATGGGCGCACGATCGAATTGGTCTCT
ATTGGAATCGTCGCAGAAGACGGTCGCGAGTATTACGCAGTTAGCACACAGTTGATTCC
TCCAAGGCGAACGCTTGGGTGCGCGCCAACGTGTTGGACAAATTGCCTAATCCTTCCTCC
AAAGTGTGGAATCTGCAGACACTATAAAGCGCGAAGTTTATGAGTTTCTCACCTCCACC
GGACCAACCCCTGAACTGTGGGCTGGGTGGGCGCATATGACCACGTGTTGTTGGCAGAA
ATGTGGGGCGATATGGCGGGGCTTCCTCGGGAGATCCCTCGTTTTACCCGCGAGCTTCGC
CAGTATTGGGACATGGCTGGCCGCCAACGCTGCCAGAGCTGCCGAACGGCAACCAGAT
GCGTTGATTGATGCGCGTCATAATTTAGCCAAGTCAAAGTGTGCATGGCAGCGCTGCCT
TTGGGTAAAAGGGATCGCGTCTCT

>naRXA01176-downstream
TAGTCGATCTGCTCCCATTCAT

>naRXA01177-upstream
TGTTTCATCGTAGCCGTAAAGCATTGAGCAGTGTACAAAAGGTACAAAGGTGCACAGCTC
AGTTCCTTAAAAACCGCTGGATACGGATACACTATTTTTC

>naRXA01177
ATGCACGGTGAAAACTTGTGGATGGCACTGAGGGAAATCTCAGTCAATTCCAATGGCGC
GATATGGCTACAAATCAGACGCTGAGAAAAGCACTGTTAGTGCTTTCTACCATCGCTCTA
CTCTTGACTTTATGGCCTTCAATTTTCAATGTTTCGGGCCATCGAGTCTTTTGTCTTCTC
TTCCATATTGATACTGACGTGTACCGCGCCGGTGCTAATGCATTCTTGATGGCGAGAA
CTGTATACCCAGGACTACCAAGTTGGTAGCATTCAACTTCCCTTCACGTACCCACCGATT

TCTGCTGCGCTGTTTGTTCACCTTGCAATCCTTGCAAGCAGTGTAGCCGGAATAGCATTA
ACGCTTATTTCCACGGTGTGTGCTGTGGTGGAGCGTAGCTATCGTCTTGCGCCGAGTGCTC
AAGGGTCTCACGGATGCTGATTCCAGGTTTGTGTCCTATTTGATTCTGCCTATGGCATTG
TCCACGGAACCTGTATTCCAGACCTGCAGTTTGCCAGGTCAACATCATTTTGATGGCG
CTGGTTCTCATGGATACCTTCACCAAAAAGCCCTGGTTGCCACGTGGTTTTGGATTGGT
TTGGCGGCATCCATCAAGCTGACCCCGCAGTCTTTGGCCTTTACTTCCTAGTGAAGAAG
GACTGGAAGGGCGCTGGAGTAGCAATTGCTTCTGGCGTAGGTTTTTCCGCCTTGGCGTTT
ATCCTCTCACCTTCAAGTTCCAAGATTTACTGGACTGAAACACTCAACGACCCTTCTCGC
ATCGGCAACCTATCTTATATTGCTAACCAATCTGTGCGTGGAACGCTCAGCCGAATGATG
CATGAACAGCAGGATCTCGTCGAAAAGCTTTGGCTGTGGCAGTTGTCTGTGCCTTGCC
GCTGTGCGCGTCGCCATGTGGCGCGTGGTACGCGCCGGCAACCCGTACGGCGCCGTATG
CTCAACTCGTTGATTGCTCTGCTGTGCTCCCTGTTTCATGGTCTCACCCTGGGTATGG
CTGATTCCAATCGCTATTGGTTTGGGGGCAAGTGGTGGAACAGCGGCGGACTGCTCCA
GGAATTGGACGCGACGGCTGGAGTCTTGGCGCTTCTGACCACGATTCCGATGTTTCATACA
ACATTTTGGAAACATGCCATACGATTAGAGTCTTACCCATTTTGGCCATTGATTCTGCAG
CCGTGCGGCAACGCGTATGTAGTAGTGGTCAATCGCTATTTTGATCGTCGCGATTGTGAAT
CCAACAGTTTTGGGCAGTGGCAATAAAGCTGTTTCAGGCCAGGCAGAGAAGAAGTCTCTC
CCTGCGTTGCTTGTGTTTTAGCGATTGCCATTTTCTACCTCTTTGCCAATATTTGGTTT
AAGGGAAACAATCAAACAAAGCGCTCATTACGTACCCACTGCAGACTATGGAAGGTGCG
GGTCTCACTGACTTCGGCGAGCTTATTTTTGAATTCGCGGCTTCCTCCAACCGACTTGT
TCCCTCTGGATAATCGGCGCCCTCAACGCCATCGCATTTGGCTATTACCCTGTGGTTCCTC
CTTCAGCGTTTTGCTGGGAAGAAGAGCTCCTGGCTGATTTATCTCAGCACCGTGGCTGTT
GCGCTGATGATGTTCTCAGTGCAGGATGCCCTTGCGAGTTTGGTTTCGCTGACTCTCGTTGCA
CTCGCATTGATCACTGTTGATGTGTTGAGTGTGAGAGAGATTGGCCGCCGCGGGCTGCTC
ACAGGACTTGCAGCAGCCCTGTTTGATGGCCAATTCTGATTGTTATCGGATTCTCTATT
CACCGACGTTATGCAGCAACAATCACAACCACTGTACCGCAGCTGTGCTGTGGATCTTA
GGAATTCTGCTCAATCCAGACGCCTTCAACCTCAACCTGCTGCGTCAATGGTTCAACGGG
CGCGATGGTCGGGACAATTTGTCCTTCTATGCTTTCCTTGCCAGGTGGGTACGGAATCC
CCAGCA

>naRXA01177-downstream
TGATGTTTCGTATGGTTCATCGTC

>naRXA01178-upstream
TCAACCTCAACCTGCTGCGTCAATGGTTCAACGGGCGCGATGGTCGGGACAATTTGTCTT
TCTATGCTTTCCCTTGCCAGGTGGGTACGCAATCCCCAGC

>naRXA01178
ATGATGTTTCGTATGGTTCATCGTCGCCCTAGGACTTGGTGCCTGGGCAATCCACCGCACC
TGGTCACATGGATTCAAGGACCTCTCCGTTGCACTGAGCATCGCACTACCAACCTTGGTG
CTCCCCATAGTGGAATCCACCACTCGTGCTACTTCTTCCACTGATCGCAGTGTGCTT
CGTCAAGGACGCGTGGAATTTCTACCTCATCGGATTTATCTACCTAGTCTCATGGACT
CCGCAACACCTGTCTACTCCACGGTATTTCCACTTAATGATCCAGCACCAGAAGGGTAC
GTCGCCCCTTTGGATGGTATTTACTCGTTGAACCAATGGCGGTAGCACCGGCAGCTATA
ATCCTCGGAGCATTTATTGCCTGTGCTGCAACCACACCTAAACAAGTCAGCTCGTGCAG
GTCGACAAGTCAAGCGCGGAAAACACCAAG

>naRXA01178-downstream
TAAGCCTTACAGTCCGACAGCCT

>naRXA01184-upstream
TAAACACTTCTGAACTACAGCTGACGTTGTGGGGAAGAACTATTAAAGGAAATAAAGC
GGCAATAGTGATGATGTCGCTGATATCTTTTTACGCCTTG

>naRXA01184
ATGGGTTTGTGGTTTCGGCATCTTTTTGGCTCTTGGGCTTGGGCAAGACCACATGGGC
ATCCTTGGTGGTGTCTCGGTGGCATGGTGGCTTATTGCATTGCTGCGTTTATGTGG
CCGTGAGTGGGGGAGCTGGATCCGACTGCATTTTCCACCATGCCGCTATCGGCGAAG
CAATTATTGCCTGGATTCTGCTATCGGTACGCTCCTGCAGTCACGGGGGATTATTGCGGTG

ATTTGTACGGTGGCGACATCCATTATTGCTGCGGTGTTTTTACCTGTTGGTTCGTGGCCG
 ATGATCGTGTTTCATGATGGCGGTATCGCTGGTTACTACGTTGCTTTTGGGTGAGTTGCTT
 GGGGCGTTGACCTCGGGTTCTTCTTCTAGGGTGAGTAATGATCGCCGTACAGTTCTTACT
 TCCGTTGTCTTCATGGTGTGTTGTTGGCTATAACATGCTGATTGGCGCGGATGGAATG
 AGTCGAATCGATGCCATTGGGGCTTATACAAAGTGGACACCATTGGGGCGGGTGCAGGT
 GCTATTGAGGCTTTTGCTGTTGGTTTGTGGGGTGAGGCAGGCCTGTTAACATTGCTGGCT
 TTTGTTTATGTTGCTGCTGGTTTCTGGTTATGGTCACAGCTGATTAATCGCGCGCTCACT
 GCGCCGCTGGACCAAGGTGGGCAAGGGCAAAGCGCTAAAGACAGCGCCGGTGAAGGCAAG
 AAGGTTCTCTTCTGCCAGGTATTCCTTGGTCAGTTGGAGGTGCCATTTTCTCGAGGTCTG
 CTGCGTTATATGTTTCAGGGACTCCAGGTGTTGGGATCAATGATTGTGTTCCTGCTTCTT
 GGCCTGCTGTTTATTTTCCAGAGCTTCACCGTTGAGTTTTTTCATGATCTATGTTGGGTTG
 ATCATGATGGCAGTGTTTCGAGGATCCGTTGCTACCAATGATTTTGGCTATGACGGCCCT
 TCGTTGTGGCTAAATATCGTTGCTGGTGTCAAAGCCCGAACGTTGTTGATGCCCAGGCAC
 TGGGCATCAATGCTGCCGGGAAGTGTGCAATTGTGGTGTTTATGATCATCACCATTGTG
 CTCGCGGAGAAATAGACCACCGCTGTGCTGATCTGTTTTATTGGCCTGGGGATCTTTATC
 TCCAGTGCGGCTGTAGCGTTGTTGGTCACCACATTTAATCCGTATCCGACTTCTAAGCCA
 GGCACGAGTCCCTGGGGCGATCGAAGTGGCTATTCGGGTGCTGCGTTGCTGGGAGCATTT
 GCCGCACTGTTACTGGGATGGATCCCGACGATTCTACTATCGCATTGGGTATCTTTGGT
 CTGGTTACCGATCAGATGTGGATGATCATCTCGCGGAGGTGCTGGCCATTATTCTCCCA
 GTAGCTGTGTACATCGGCGTTGCTAAGGTGTGTATTTCGCAAGGTGGAGAAGGATCTTCCG
 GAGATCTTCGACAAGGTGAAAACACGTGAAA

>naRXA01184-downstream
 TAGAAAAATGCGGGGT

>naRXA01186-upstream
 TTGCTCATACAGCCATTGAACTCGTAGAATCACCGTTCCGCCACCCAAATCAGCCCAATA
 AGTTCAACAATTACATAACATCTGAAAGAAATAGGGACATT

>naRXA01186
 ATGGCTACACCTGTACCACTGGTTTTTAAACGCACCTAAGCGTGCGATGCCCCAACCCAC
 TTTGCGGATCTTAATGATGAGGCTCGCATTGAGGCTCTTAAAGAGCTCGGCTTGCCCAAA
 TTCCGACTCAATCAGATCGCTCGACACTACTATGGTCGCTCGAGGCTGACCCACTCACT
 ATGACGGACCTGCCTGAAGGTGCTCGTCAAGAAGTCAAGGATGCTCTTTTCCAACGTTG
 ATGTCTCCTCTGCGCGTCGTCGAAACCGATGACGATACAACTCAGAAGACGTTATGGAAG
 CTCCATGATGGCACTTTGCTTGAGTCTGTTCTCATGCGCTATTAGATCGCTCCACGCTG
 TGTATTTCTTCGACGGCTGGTTGCGGCATGGCGTGCCCATTTCTGTGCAACTGGTCAGGGC
 GGTGTTGGACCGTAACCTTTCAATCGGTGAGATCGTGATCAGGTTGCTAATGCTGCTGCA
 ACGATGCAGTCAGAGGGCGGTGCTGTGTCACATTTGTGTTTATGGGAATGGGCGAGCCT
 CTCGCTAATACAAGCGCGTGCTGTCGGCTGTTGCTCAGATCACGCAGCCAAGCCCTGCG
 GGCTTCGGCATTTCCCAGCGCAGTGTGACTGTCTCCACCGTGGGCCCTCGCTCCAGCTATC
 AGGAAGCTTGCCGACGAAGAGATGTCCGTAACCTTTGGCAGTTTCTTGCACACTCCAGAC
 GATGAGTTGCGTGACACTCTCGTGCCAGTCAACAATCGTTGGCCTGTCGCTGAGGTAAGT
 GACGCTGCTCGTTACTACGCAGATAAGTCTGGCCGTGCGCTCTCCATCGAGTATGCGCTC
 ATTGCGATGTGAATGACCAGGATTGGCGCGCAGATATGCTGGGCGAGAAGCTGCATAAG
 GCTTTGGGCTCCCGTGTGCACGTCAACTTGATTCCATTGAACCCAACCTCCTGGTTCTAAG
 TGGGATGCTGCACCAAGGCTCGTCAGGATGAGTTTGTGCGTCTGTGATCGCCAAGGGT
 GTTCCATGCACTGTGCGTGATACCAAGGGACAAGAAATCGCTGCGGCTTGTGGACAGCTT
 GCTGCGGAGGAATCTGCT

>naRXA01186-downstream
 TAAGCCCTCAAAGCTCAAAAGCC

>naRXA01187-upstream
 CTATTCTTTCAGATGTTATGTAATTGTTGAACTTATTGGGCTGATTGGGTGGCGGAACG
 GTGATTCTACGAGTTCAATGGCTGTATGAGCAACAGACCT

>naRXA01187
 GTGGATCCATTTGAGACCAACCCAAACGACCTTCCCACCGGTTAGACCCAGCATACGAA

GGTAACAGTGAGTTAAACCCGCTTGGAGGAAAAAATATTCCCGACGAGCCTGAGGTGACT
GCAAACACACCTGCAGTTCAAGAAGAACCCTGCTTACTCGGAGCCAGAACTGCCGTTGAG
TCGAAGCGTCAGGCGAAGCAGAACACAAAGAAGTCCGAACCTGTTGTGGCTCCAAAACAA
ACACTTGCCGGTGGCACGTGGGTAGCTCTCATCGTAGGCGCACTTTTGCTAATCCTACTG
TTGGTCTTCATCATGCAGAACCAACCACCGTAGAGCTTAACCTTTTTCGCTGGACCTTC
CAATTCCCAGCCGGAATCGGTTTCTACTAGCAGCCATTACCGGTGCATTGATTATGGCG
CTTGGTGGTGGCGTGCGCATGTTTGGAGTACCGTCGCAGT

>naRXA01187-downstream
TAAGAAAAATCCGT

>naRXA01195-upstream
GGTTTCGCGCCAGGCGACATTGTGAGTAGGATCGTCTAAAATCGTTTTCTTATCGCAGGA
AGGACTCAAAAAGCCCGTGGAATATTTGACCTGGGGTTTG

>naRXA01195
GTGATTGTTGCAGTGTGCGCAGTTCTTCTTGCTGCCTGGCGGTTTTTACCTTACGTTCT
CGGGGAACCACTGTGATTCTGCGTGAGTTGCCACAAAGCGGTGTGCATGGCTGGCGCCAT
GGATCATTTTCGTACAACGGAACGACTTGGAGTACTTCAAGCTGCGCTCTTTGTCTCCC
ATGGCTGACCTTATTTTGAACCGCCTTTCAGTAACCTTGTCTGATCGTAGAGATCCAGCT
GCTGATGAGGCGGTTTTATGTCTCAAGGCTTAAAAATTCTGCACATTAAATCCAAAAAT
GATCAGATTGAATTAGCTTTGGACGCCCCAGGGGAGATGGCGTTTACTGCCTGGTTGGAA
GCAGCACCAGATGCGCGGGCGGAGCATTGATGAATCCACGTGATTTCAACCGCTTTCGA
GCCAGCAAAGACACCCGCAAAAACCGC

>naRXA01195-downstream
TAAGTAGACGTCATTGTTATGGT

>naRXA01196-upstream
GGGCGGAGCATTCAATTGAATCCACGTGATTTCAACCGCTTTCGAGCCAGCAAAGACACCC
GCAAAAACCGCTAAGTAGACGTCATTGTTATGGTGGGTGC

>naRXA01196
ATGCGTTTAGTCATCGCCCGTTGCTCAGTTGATTATGTTGGCCGTTTGAAGCTCATCTT
CCGTCCGCCGATCGCCTTTTGATGGTTAAGGCGGATGGTTCTGTATCCATCCATGCCGAT
GACCGTGCCTATAAGCCACTGAACTGGATGACACCTCCATGTTCTTTAGTTGAAACTCCC
ATCACTGATGAAGATGGTGAAGCAACAGGGGAAAGCCTGTGGGTGGTGGAAAAACAAAAG
GGCGAGCAGCTTCGAATTACTGTGGAAGAAATTCATTCCGAACAAAACCTTCGATCTAGGC
CAAGACCCAGGTTTGGTGAAAGACGGAGTGGAAGATCATCTCCAAGAGCTTCTTGCAAG
CACATCACTACGTTGGGTGATGGGTACACATTGATTTCGTCGGGAGTATCCAACAGCTATT
GGGCCTGTCGATATTTTGTGTCGCAACTCTGACGGCGAGACTGTCGCTGTGGAGATCAAG
CGTCGTGGTGGCATCGACGGCGTTGAGCAGTTGACCAGGTATTTGGAATTGCTCAACCGT
GATGAATTGCTCAAGCCTGTTTCATGGAGTGTTCAGCCCAGGAGATTAAGCCTCAGGCA
AAGACTCTCGCGGAGGATCGTGGCATCAAGTCCGTGACGTTGGATTATCAAGCGCTTCGT
GGCATTGAGTCCAATGAGCTGACATTGTTT

>naRXA01196-downstream
TAAGAACATGGGCCGAAAAATA

>naRXA01197-upstream
AGCAACAATCATATCTGCCACCCTACCTTGGGGTTGGCATGTGATGACTAGCTTGCCCAA
TCCTCAATATTCCCCACCTGCTATGCCTAAAATTAAGCC

>naRXA01197
ATGTCTACCGAACAGTCTTTGAATATCCCCACGAATACGTCATCTGCCTCGATCATGTT
GGCATCGCCGTCCTGACCTCGAGGAAGCCATCGAATTTTACCGTTCCGCATTCCGGCTGG
GTAAACACCACCAAGAAATCAATGAGGAACAAGGCATTTTCAGAGGCCATGATCGGCCCC
AAAGACATTAAAAGCACAGAAGGCATGATTACAGCTCATCGCGCCGCTCAACGAGGACTCC

ACAATCGCCAAATTCTCGAAAAGAAAGGTCCCGGCATCCAGCAAATGTGCCTGCGCACC
AACAACATCGATGCGCTCTCCGAGCACCTGCGCCGCCAAGGCGTGCGCCTGCTCTACCCC
GAACCCAAAAACGGCACCGGCGGTGCCCCGATCAACTTCTGCACCCCAAAGACGCGGGC
GGCGTGCTGCTCGAGATCACGCAGCCTCAAAGC

>naRXA01197-downstream
TAATTGCTTATCGACGCTCCCAG

>naRXA01198-upstream
TTCGGTAGACATGGCTTAATTTTAGGCATAGCAGGTGGGGGAATATTGAGGATTGGGCAA
GCTAGTCATCACATGCCAACCCCAAGGTAGGGTGGCAGAT

>naRXA01198
ATGATTGTTGCTTTTCTGTAGCCCCGACTGTTACTGATAATCCAGATGCTGAGATGGCC
GATGCGGTACGAGGGCGATTCTGAATCGTCCGCGCATCGGGTCTGCCTAATGAACTAAC
GCGATGTTACGCTCATTGAGGGGAGTGGGATGAGGTGATGGCGGTGATTAAGGAGGCC
ACTGAGGCGATCTTAGGGTATCTCCGCGTACATCGTTGGTAATTAAGGCTGATATTCGT
CCGGGACACACTGGCCAATTGACGAGGAAGGTGGAGCGGTGGAGGAACGCCTAGCTAGG
GAT

>naRXA01198-downstream
TAGCTTTGTACTTAACTTGTTG

>naRXA01206-upstream
CCGTGCCAGTGATGAAAAGCCGGCGAGCCGCCAAACTTGATTAAAGTGATGTCACTTTGG
ATTGTCATATTGGGCGAATAAACCGGTAGGATTCCCCTTC

>naRXA01206
GTGAGCGCCGAAAATACCGAGAACACAGATTCCCCATTTGAAATCTCCGAGTTTGATGAT
CACCAGCGCCCCCTCCAGCGGGGCCCTCAAATTCGGTTCATCGCCCTAATTGTCTTCACC
CTGATCTCCCTAGCGATCTGGGGTGCAACTCGTGGCGTACCCGGCGTATCAGCAGTTGTT
ATCGGCGCAGCAGTTGGCGCAGGCTTTGTCTCTTAACGGCTCTCAGCGTCCTGTTTACA
ACTAATTCCAACGTCACCACC

>naRXA01207-upstream
CTTCATGATCTCACC GGCGAGCGGTTTTGTTACAGCGCTAAACTGTGACTTTGAAAA
ATTTTTGAACAATCCGTACACCAACTTCAGGAGAAAAACA

>naRXA01207
GTGAGCAGAATCTATGACTGTGCCGACCAAGACTCCCGTGCGAGCAGGCCTAAAGGCGGCT
GTCGATGCAGTCAAAGCCGGTCAGCTCGTTGTCTTCCCACGGATACCCCTTTATGGACTC
GGCTGCGACGCTTTCAACAACGAGGCGAGTAGCCAACCTTCTGGCCACCAACACCGTGGC
CCCGATATGCCCGTTCCAGTGCTCGTCGGCAGCTGGGACACCATTCAAGGACTTGTCAC
TCCTATTCTGCGCAGGCAAAAGCGCTTGTGGAGGCGTTCTGGCCTGGTGGACTGTCCATC
ATCGTTCGCGAGGCACCAAGCCTTCCGTGGAACCTTGGCGATACCCGTGGCACCCTAATG
CTGCGCATGCCACTGCACCCAGTTGCCATTGAATTGCTGCGCCAAACCGGACCAATGGCT
GTCTCTCCGCCAACATCTCCGGACATACTCTCAACACCGTGCTGGAGGCTCGTCAG
CAGCTCAACCAAAATGTCGCTGTCTACCTCGATGGTGGCGAATGCGCGCTGGCCACCCCT
TCAACCATCGTGGATATTTAGGCCCCGCACCAAGATTTTGCCTGAGGGTGCCATCAGC
GCAGAACGCGTTGGCGAAGTACTTGGAGTGTGCGCAGAAAGCCTGCGC

>naRXA01207-downstream
TAAATGGGAGTCGGTTTCGCGGG

>naRXA01210
GTATTTCCAGTCGGAATCCCTTTGTTGCTCTTTCTCATCGGAAATGGTGGGGCAGCAGAG
TCCGCGAACTCCTTCGACTACTTCGTTCATGTACACCCTGCTATTTGTGCAGTTCTACACG

GTGCTGTCCATGGCAACCACCCGCCGTGATGAACGTGTGCTGAAAAGGCTGCGCACGGGA
GAAGCCCGCGACATCGATATCATCGGTGCCATCTGTTTCCCGGCGCGCTCCTCACACTG
ATCTTACCCGTGGTGATCATTCCATTGCTCATGGTTTTGGGAGCTCCCGCGCCATCAAC
CTTGTGCCCATTTGTGTTTGGCGTACTGATCGGACTACTTCTTTGTAGTGCTCTTGCCCTG
ATGACCAAGCGGTTTACCCGAAACGCCGAAGCCGACAGATGACCTCCATGCCCGTGTTT
ATGCTTGCGATGGGTGGACTTGGATCAATCCGCTTCGTATTCCGGCGACAGCATTGTGGCT
GATATCTTGGCTTACACCCCATTCGCCGCGATCAGTGACCTTGTCCAAATCGGCTGGGCT
GGCGCCACCTTCGCCGACAGCGTTGGTGGAGTAGAGGCAGAACTTCGCTGGAATTTTC
CAAGACATGCTCATACCACTTGAATTCTGGCAGCGTGGACAGCTGCAGCGGTGTGGGCG
GCGAACCGCTACATGCGCTGGGACTCGTACCGC

>naRXA01210-downstream
TAAGCCTGCAGCCGACGGGATTA

>naRXA01213-upstream
AACTCTGGCAACAACATGCGCCTTCACTCCCTCAAACAAATTTTCATAAACACCCACAT
CATATCAACCAAACGGTGTAGTTCTTCTAAGCTTTCACCC

>naRXA01213
ATGACAAATCCCACAGAGGAGCGCAACGCACGCCGCTCATTTGGGCCAACGGCCTGCAA
AACATCGGCGATCAAATCGTTGCCGCCAAAACAGTCCTGCCCTGGTTGCTGCAAGCCGCT
GGCGCGCCGGGCTTTTGTGCGCGCTTCTGGTTCCAATCCGCGAAGCCGGATCGATGCTG
CCGCAAGCTGCCATTACTGGCTGGGTGCTGAGGCAGACGTCGAGAAGCAAAGTCTGGGTG
ATTGGCTCGAACGGCCAGTTTCGTCTCGGCGCTGGGTATCGGCGTGGCTGCGCTGTTTTG
CGTGGGTGGGCGCTGGGCATCACGGTGATCGTGCTGCTTGGCGCGCTGTCGCTGTTTCGA
TCGATGTGTTTCGATTGCATCGAAGGATGTTTCAGGGCAAGGTGATTTCCAAGGGCAAGCGT
GGGCTGGTAACGGGCCGCGCGACGGTGATTGGCGGTGTGATGGGCCTGGTTGCAGGCCTG
GCGATCGCTATTTTCTTGGGCTCGCATTCGCCGACGAGGGTGCTGGCCGCGAGTGGTGATC
GCGAGCTCGTTTTCAGTGGCTGTTTGCCTCCATTGTTTTTCGCGCGCATCGAATACGCGAAG
CCAGCGACTCCAAAAACCGCGCCTTCCGCAAAACCCGTGGGTGCGTTCGCTGCATCGCCGCA
TTAAAAGATGATAAAGCTTTTCGACGTTTCTGTTCTGGTTTCGCTCAATGATGCTGGTGACA
GCACTCTCCACGGCTTTTCATCGTTCGCACTCGCCGCTGAATCCGGAACAGCATCGACTCC
TTGGGATTCTTCTCATCGCCTCCGGCTTGGCGTCCATGGTTGGTGGCCGAATCTCTGGA
ATCTGGTTCGGATCATTCCTCCAAAACGTCATGGCGGGCGGTGCCCTATTTCGGTTCCATC
GTGTTAATCCTCGTGGTGCTCAGCTCCGCGTTTGACCCGCGCAGATCAACACGCTGGTG
TTCCCGTTGAGTTTCTTCTCATCACCTTGGCCACACCGCCATCCGCGTGGCCCGCAAA
ACTTATGTAATGGACATGGCTGAAGGTGATCAGCGCACCCGCTATGTTGCCGACGCCAAC
ACACTAATGGGTGTAGTTTTGCTCATTGTTGGCGCATTATCTGGCTTCATTGCAATTTTC
GGAAACGAAGCCGCACTGCTCTTCTTGGCGGCAATTGGCCTGCTTGAACCATTAGCGCC
CGTGGCCTCAAGGAAGTATCCGCCGGA

>naRXA01213-downstream
TAGTTTTACAACCTTTCCACCCA

>naRXA01218-upstream
CTAAATATGCTAGCACGATGGCCAAACCTAATCCAAAAACCGGCAGTATACTGATTGGGG
TCACATTAGCCAAAAGGCACTTTGAGGAAGTGGAACCTCT

>naRXA01218
ATGGCACGACTTCAGCACGACATGATTTTCATCAACCTACCAGTATCTGACCTTGACGCA
TCTAAGCGTTTTTATGCAGGTCTTGGCTTCAAAGAAAACACCGTCTTCAGTGATGAGCAC
ACTGCATCTTTTGGGTGAGTGACGCCATCGTGGTGATGCTTCTGGAAACCGCGCGCTTC
AGTGATTTTCACTAAGCGCCCCATCGTGGAGAAGAAGCGCTCCCGCGAAGTGCTCAACTGC
CTGTCTGTATGTTCCACCGAGGATGCGGATGAGTTTCGTGCGTCGCGCCAGGAATTCCGA
GGCACGATCACCCGTGAGCTTGCAGCGGAAGGCCCCATGTACGGCGGAGCTTTTGATGAT
CCAGATGGACACGGTTGGGAGCTGATGTACTTCGATCCAGAGGCACTCGCTCAGATGATG
CCTGAGGGC

>naRXA01218-downstream

TAAATATTCTTCAGGGCTTCTCG

>naRXA01229-upstream

TAGCCCCGAAAGACGGCGAGGGTTGGCTCTGCTTCGTTGTGGGAAACTAGGCCCTTAAT
AAGCTGTGCTTATAGGGTCTCCTGCACCGATAAAGGACTG

>naRXA01229

ATGATCATCTCCACTAACACCGCTCACCCCTGCACGAACCGCACGTACCCAGCCACCAC
AATCGTATGAATACTCTGCGTGCCGGTGTGCTGGGTGCTAATGACGGTATCGTCTCCATT
GCTGCGCTACTGCTCGGTGTGATCGCCACCGGCCAGTGACACCGTCGTGTTGCGCGCT
GGTTTGGCCTCAACGATCGCGGGGGCGGTATCTATGGCTCTCGGTGAGTACGTCTCTGTC
TCCTCACAGCGTGATACCGAACGGGTGCTCATCGCAAAGAAGCGAAGGAGCTGGCCGAA
GACCCGACGGCCGAGCACGTGAGCTGTGCGAGATCCTACACTCCTACGGCATCTCCCT
GAGACTCGGAACAGGCGGCCACCGAGATCGGGCAGGGCGACGCCCTGGGCGCCACCTT
CAGCTCGAGCTCGGTATTGATAATGAGCAACTGACCAGCCCTTGGCCGCCCTTCTCC
TCGGCCGTGGCTTTCCTGCTCGGAGCACTGCTGCCGATGGTGTGCGGTATTCATCGCCCT
GCAGGCTGGGACGCCGGCGTGGTCTTCGTAGTCACGCTGCTGGTCTGGCGGTGACCGGG
TTCATCTCAGCCAGATCTCGGTACCTCCCAATGCGCGCGTGCGGGCGCTTGGTGATC
GGTGGTGCCCTCGGCCTGGCCCTAACCTACGGT

>naRXA01231-upstream

CCTGGGACGTCTTCCCCGAGGCGTGGGAnGACATTGAAGGTTTACCTGGGCTTTCGTGCC
CCAGGCATCGAGCACTTCACCCCCCTATGACGCCTTGCAA

>naRXA01231

ATGCTGGGCTACACCTTCGTATCTTTATCCTGGCGCCGTTTCTCATCCTCACCGGAATA
GCGATGGCCCCGCCATCCGGTCCCGCTTCCCGTGGTACGTCAAACCTTTCGGCGGCCAC
CAGGGTGCACGTTCCCTGCACTTCATCGCCATGGTGTGATGACGGGCTTTGTATCATG
CACnGTCCGGCTGGTTTTTTGGTCCATGGCGACTACAACATGGTCCACATGGTCTTCGGC
GATATGAACACTGACCGTGCGGCGCAGGCCATACATCATCGTGATCACCACCATCGTCAnT
GGTGGTGTTKTCTGRATCGKGTCTAGTATATTKGTMRCTGGCTKACCGRGMCCGCGCCM
WCGGGTTYACCGCCAGCWTCTATCKGAGWTMGWCGCAAAATCTTTNCTCAWCCGGCTGCG
TCCCCGGATGAGCAGGCAGAnnAnCACCTACACGGACAAGGACATCTCGCAGTTCCACTG
GACCAATGGCCTGCCCGCGACCGA

>naRXA01231-downstream

TGATGAATCCCCCGAGTGGATCG

>naRXA01234-upstream

AGAAACAATAGCCAGACCCAGAAGAGCAGACTGGAGAGCTTCGAGGATTTAGTGCTCCTG
TGCATTTATTCGGGTCACTTCAACGTTGAAAAGCATAGGA

>naRXA01234

ATGTGGAAGTTCATGAAGACTCAATACGTATGTACCACTTATTTTCATCGCTGCACCCGAG
GATGAAGACGAGGCGTACCAAACCTTATCGCAGCCGAATGAACTCTTTGGCAGCATTGAAC
GGCGCTGACGTAGTTTCAGTGGCAGATGGCCTACGGATGGAAGTAGACCAGGATATTTGG
GGAAGCCTTGCTGAGCAGTATCAGATTGAGCAAGAAGGCCTGTATCCCACTGGTCACAAC
TTGTACTTTGTTGTCACCGTGGTGAACCTAGATGATTCAGATGAGGTTTATGACCGAACA
ATGGAGCATCTGATTATGGATGACCCTTATGTGCGAGTGGATCGTTTCCCAAGCACTGTC
CATGCCAGCACCCAGATCATGTTG

>naRXA01234-downstream

TAGAAAAAGAAAAAGCACACCC

>naRXA01237-upstream

AAACCAAAAATCACGACGCATTAAGTAACAGAGACTTAAATTAAGAACTCCGAACAACAA
CTTCGGATTGTTTCATTTTTGAGGATGAAAGAGCTTTTCA

>naRXA01237

ATGAACGTACAGTTTGAATCAGACATGGCCGTCCAACCAGGAAACACCATGGAAGCTACC
GTCACCGACATTTCGTGATGCCAAGCGTAAACAACCCAGCTTGATTACAGTAACGCCGTTT
AAGAAGAATTGCCCGAGCCGCACCTTGCTCGACACCATCAGTGACAAGTGGGCGGTGCTG
ATCCTGCTCAGCATGGAAAAATGGTCCACAGCGCAATGGTGAAATCAAAGATCAGGTCCAA
GGAATTACCCCAAAGATGCTCACCCAGCGTCTTGGAGTGTTGGTGGAAGACGGACTGGTC
ACTCGCACCTCCCACGCAGTTGTGCCGCCCTCGTGTGGATTATCAGCTCACCGATCTGGGT
GCTTCTGTCTATTGAGCCTTGCCGTGCGATGTATTCCTGGGCAGTGGAGAACATTAAGCAA
GTGGAGGCCTACCGCTCAGCA

>naRXA01237-downstream
TAAGAACACTTGGCAAACCTCAC

>naRXA01246-upstream

GGGAAGGAGGAGAAGGCTGCTGTGAGCTCTGCAGCCCCGTCGCTGACTTCAATGCTT
CATGGACTCCCCGATACACAACCTCCGAAAGGGAACCCCC

>naRXA01246

ATGAAGCGCACTATCACCATCGCCGCTCTCGCCTTGACCTCCACCCTGGTTTTGTCCGCC
TGCGCAGATAACACTGAGGGGAGAAAACACCGACACCAACGACCATCGCCACTACGTCCGCC
CCCGACACCACCGAAACGACCGGGGCCACACGGATCCTGAGACAGAGACGGGGCGGCC
GGAGAGGTCTCCGCCGAGCACAATGATGCGGACATCATGTTTCGCGCAGATGATGATCCCG
CATCACCACAGGCCGTGGAGATGAGTGAAATCCTCCTGGCCAAGGACGATATCCCGGCC
GAGGTATCGAGTTCACCCAGGGTGTTATCGATGCCAGGGCCCGGAGATCGACCGGATG
AATACCATGCTCGAGACCTGGGAAGAAGATCCGGTCACCGGTGATATGGGTGAGATGGAC
CATGGCGGGATGAGTGGAATGATGAGCGAGGAGGACATGACAGCCCTCGAGGACGCCCAG
GGCACCGAGGCTGCCGGCTCTACCTTGAGCAGATGACCGCCACCATGAGGGCGCGGTC
GATATGGCCCGCGATGAGGTCACTGATGGCCAGAACCCGACGGCCATCGCTCTGGCTGAG
CAGGTCAATTGAAGATCAGGAGGCCGAGATCGCCGAGATT

>naRXA01249-upstream

GAATTGACGTGGAACCGAGCAGCGATCGCAGCCCCGCCCTTACCCTCGCCCTCACGGG
GTGTTTCGGCCGCCGACCCGGAACCCACCGCCGACGGGACG

>naRXA01249

GTGTCCCAGGATACATTCTGACTACCCATGGCCTGGCCGCCATGGACGCGGTGGAGATC
ATTGATCACCTCGACCGGCAGAAGGTCACTGAGCGTCCCACGGATCTGATCGCCTCAGTG
CGTGCCGATGAATGCTGCTCTCGAGCGATGACCAGGAAGTCGTGGTCGATCTTCCCGAC
AATCAGACGTATGTCTCGATCGCACCTACCTCACTCCACCCACGACTGCTTCTACCAC
AGCCTCACGACCTGCCTGGGGGATCTCGACAATGAGGATATCCATGTCATGATCACCGAT

>naRXA01251-upstream

TGTAAGCCGAGAGCGAACCTGCCAAAAGTAAGGGGCGGGTTTCGCGGTGACGTCCGTAGGA
TCGAGCGAAGAAACCAACAACTTCTTAGGAGCCATTCTC

>naRXA01251

ATGACCCAGCCAGATATGTCCAGATCCTCGCCCAAGCTCAGCAGATGCAGGCTCAACTA
CAGGCCGCTCAGCAGGAAATCCTGGCAACCACCGTTGTGCGAAATGCAGGAAACGGGCTG
GTTACCGTCACTATGGCCGGCAACGCGGAGGTCTTCGCAGTGACCGTTGACCCAAAGGTC
GTTGACCCTGAAGATGTCGAAACCTACAGGACCTTCTGCTCGGTGCATTCAAGGATGCC
CATAACAAGGTCGAAACGTTGCTGAAGAGAAGATGGGCCCACTATCCCAGGGCATGGGT
GGCCTCTTC

>naRXA01251-downstream
TAATTAGTTGCTAAACGCAGGGC

>naRXA01263-upstream

AGTGGCCTTTGGAGTTATTTTGATGACGGTATCGGCGACTGCTGGGATCCTCCTCTTTTT
ATCTCCAAATAGAAGCCAAGCTGCGCCACCCCAATTTAGT

>naRXA01263

TTGACCCCGTATGATCCAACCGCTGTAAATAAGGAGTCGGAAAAAGAAGCAGCAAAGAAT
CTGTTTGGCGCTGAGGCGTTGACAGTGGATCCGGATGCCGGTGAGGTTGTTGATCGAGTA
GATAATTTTATCCGACGACTGCTAAGGCAAAACGAGATTACCCAAGTAACTATGCAGCG
GGTTGTCACCAAGAAGTCAATGAGACTAGTCTGAGTCATGTGTTTATGGTGATAAAAAAT
TCTGATTTTCTGTAGCACTTGTCTGGTGACTCCACGCTGGTCATTGGCTTCCTGCCTTG
GAACCAATTGCTGAAGCACAGGGGTGGAGATTGGAAGTTTATACAAAGTCACAGTGTCCA
CTCATAAGCACTGCGATCAAACCTGGTGAACTTTTATGCAGAATGCTATGAGTGGAAT
GAAAAATTACTTGCTAAGCTAACTGGACCTTCTGCACCAATCATGTGATTGTAAGTAGC
CAACGTTTACGCTTCTGCAAATCCGTTAATCGATAGTGTGCGACGGGAACCGTTTCCGAA
GGATATGAAATGGCATGGAATTCATTAAAAGATGCAGGTGTTTCTATTTCTGTAATCTT
GATACTCCTCGGCCGCAAATTGATATCCCAGAATGTGTAGCATCAAACCGCGATAATCTC
TCAGAATGTTTCACTTACCGGAGCGTTGCGCTTGGGACTGAAGCTCATCCTCAGCAAAAA
ACTGCAGCTCAAAATATAGACGTGCCTGTATTGGATTGAGTAATTGGATTGTCCGGAA
GAATATTGCTCCGCTGTTATCGGAAATGTTTTGGTATACAGGGATTACATCATTTGACC
GCTACGTATGCTCGTAGTCTCTCTAGCGCATTATGGAATGAGTTGGTTGCCTCAAATGGT
GAGCCTTTTAAAG

>naRXA01263-downstream

TAAGAGGTAGTTGTTCAAGTAGC

>naRXA01266-upstream

GATTGTGAAGTTTATATCTGTCATATTCTGGTGATTTTCGCCCTGCTCATGAAGTGGCG
GACGAGCAATGGCCCGATATAGATTTAGTAAGGAACTAAA

>naRXA01266

ATGCCAAAAGTAAGTGTGGTTACTGGTTTTTATAACCGCTGTGAGCATTTAGAACGAACC
ATTGAGTCTATTCTTAACCAAACCTTATAGCGATTTTGAATTAATTGTTTTTGATGATGCA
TCGACAGATGGAACAGCTTCACGATTGTTAGAGTTAAAAGAAAAATATGATGATCCGCGT
TTCCGATTTATCATTCATGAAGAGAATAAAGGTTTCGTAAAAGGGTTATCAGAAGCAATT
TCTGGAGCTAAAGGCGAGTATATTGCAGTCCAGGGATCAGGCGATGTATCTCTCCTCGC
CGTTTAGAGCTTCAGGTAGAGTTTCTAGACGCGAATCCTTCGGTAGGTGCTGTGGGTGGT
GCTATCTATAATATTCAAGAAGATACGGGAACACGCAACCCACAGAGATTTGAAAAGCCA
ATTGCTACATTCGATGATTTATTGACATCTAATCCGTTCACTACGGAGAAGTGATGTAT
CGCTTAGACCTTTATAAGAGTATAGGTGGGTATCGAAGTGGCTTTACTTTTGCTCAAGAT
CGTGATTTATGGTTGAGGATGGCGAAAAAAGCAGATCTGGGTATCATTCAGATTTTCTT
TATACCGTTACACACTTTTAGATGGTGTCTCTTTCGTCCCGGATAAACTATACGTCAG
CGATGCTTTTTCAGAAGCTGCGGTGCGACTGGCATTAATGCCAGAAGAGGAAGGAGCTTTA
GCCTACTCTAGGCTGGAAGCTGAAGGGCTACTGCCGTAGTTCCTATCGCTGATAGAGCT
GTTTCAGAAATTTGTCCCTAAAGCGGCTATTTCGCTTATGTCTATATGGTGCTCCGGAACT
GGTTTACACATGGCTCGAGACTATATCCAGAACCCTCTGCGCCGTACCATAGTTGTAGTT
TTGATCAGCATCTATTTCGTCTAGATTAATTAAGCCTCTTCAAGATATTCATATAAGTCT
ATTTTTAAGGGGTCTCGATTTCTAAACCTATTAAGAGTTCACCTCGTGAAGTTTACAAGA
AGAATTCAGGGAAG

>naRXA01266-downstream

TAGCGAAAAACCGCATCTACCAA

>naRXA01267-upstream

TGCTAGTTTTTAAAGAGGCGTTGAGGGGTAGTATCGCGTAAGTTTATTAGTGGTTAGCGTA
GATTTTTTCAATTGAAGATGTTTCTGAAAGGTATTTAGAT

>naRXA01267

ATGTATGCAGAAATTAATGGCGGTTTTATTCCAGAGGGCACCGTGCGGGTAAGCGGCGCA

AAAACTCTGCTACTAGACTTCTCGCGGCGGCACTGCTAACCGATGAGGTGGTGCATCTT
GGTAATTTCCCAACCAAGCTTGTGGATGTTGAACATAAAATTCGCTTTATTGAAGAGCTT
GGCGGAAAAGTGCAATGTCGACCATGATGAGCAAAATTTAGTAGTTGATGCTAAGGATCTT
GCAGCGCGAGAAATGACTACTGATGAACGAATATCCGATTGCAACTACTTATCTCCTA
GCAGCAGCGCAGATTGGGCGTGGGGAAATGCTCGAGTTCCTTTTCTGGGGGGTGTGCT
ATTGGAGGAGTCTGCTGGCGGACGAGGATATGATCTTCATCTTATGGTCTGGGAACAG
CTAGGTTGTAAAATTTCTTGAAAAAGATGATCACATTGAAGTAAGTGCACCCAGGGCTTT
ATCGGGGAGTTATTGACTTTCTATTCTACTGTGGGAGGCACTGAAAACGCGTTACTA
TGCGCAAGTATTGCTTCAGGGGATACTAAAATTGCCAATGCTTATATTACCCCTGAGATA
ACTGATCTTATTGAACCTTCTGCGACGTATGGGTGCGGAGATCACTGTCTACGTTACCAGC
CGTATTCATGTAAAGGGTCGAGCAGGTCTTTTGCAGGGCGCATATATGGACGTAATGCCG
GATCGTATTGAGGCATTGACGTGGATCGTGTATGGAATTATTTACGGCGGAAGGATTACC
GTCGAAGGTGTTCCATTTAGCTCGATGGAAGTTCCTTTTATCCACCTTGAGAAGGCTGGA
GTGGATCTTTTCCGTAATCAAGTTCGGTATATATTACACCAGAATGCTTGCTTCAGGC
TCAGTTCAGCCATTGAGCTAGCGTGTGGAACACCCCGGAGTAATTCGGACATGCAG
GCACTTTTTGTCTTTTAGGATTAAAAGGTGCAGGAACCTTACGCGTCTATGACTATCGA
TACCCAGAAAGAATTGCATTTGTTGAGGAATTGACAAATCTAGTTTCGGGCGACAAATTA
AGTGCAGAGGCTGGCAAGATCACTATCCAGGGAGATGCTACTTTCCGGCCAGGATATGCG
AACTCAACTGATCTACGTGGTCTATGGCTGTTGTTTAGCGGCGCTTTGCGCTGATGGA
AAGTCCACGATTAATAACGTCCATATGGCGTTACGTGGGTACAACGAGTTGGATAAAAAA
CTTCGTTTACTTGGTGCGGATTTAACTATCAGAGAAGGCGAAGTTCCTTCACCT

>naRXA01267-downstream
TAAGAACGAAAGTTTACATTGA

>naRXA01268-upstream
TACCGATGTAAATCATTATTTAATTGGGTGCTATTGCTTAGGAAAATTCGTCCAAGAGT
GCTGATAGTTGGAACCCGAAAGCTTCATTGCTGGGAGTC

>naRXA01268
GTGGCAGCACGAATTGCTCGAGTGCCACGAATTGTCTATGTGGCACATGGGCTGCGCTCT
GAAACTGTTTTAGGCTTAAAAAGAAGATTCTAGTGTTTTTGAATATTTGACCCAGTTG
TTTGACATCAAACCTTTGGCTGTAAGTCATTCTCTGAAGAAAGCAATTGAAGATGCGCAC
CCTCGTTTTAAAGGAAGAGTGCAAGTCTTAGGTTATGGCAGTATGAATGGAGTTGAGCTT
GATCGCTTTAGAGTTCCATCCCTTGAAGAGAAATATCTGCTCGTAATGCTTTAAACCTG
CCTAGTAAATCTGTCATTGTTGGTTTTGTGCGGAGAATAAATAAGATAAGGGAGGAGAT
CTTCTCGCTGCTCTACAAAACATGAGGCTTTTACCCGATTGCGACTGCATCTCTTAATT
ATTGGTGAATTGGAAGACGATGACTTGCGAGAAGCATTCATTAAATTAGTTAATGAAGGG
CAGGTTACGATTACAGGATGGATTGATTTCCCTGAAGAACCATTAGCTGCAGTTGATGTT
TTGCTTACCCCACTCAGCGAGAAGGTTTAGGTATGTCTTTGCTGGAAGCTCAGGCTATG
GGAGTGCCCTGTATTGACGAATGCTGTGACTGGAACAGTTGATGCAGTAACAAGTGAGAA
GGTGGCTTTTTTGCGATGACGATTCTGTTGAGTCCCTGGGTTTCTAAGATTGATTTATTA
GTTTCCGATCCTAAGTTAAGAGACCGGATGGGACGTGCTGGTCCGAGTTTGTGTGAGCT
CGTTTCAATCGTGATGATGTCGAGCTCGTTTCAGTCATTTTCGTGGAACAATTCAAAAAA

>naRXA01268-downstream
TAGGGCTCATTCATTTCAATAT

>naRXA01271-upstream
GTGAATCCGATGCCGACAGATCGCAGCAACTCAATTTGGAGATTAGTTTTAGCCTGGG
TTGGCGAAACCAATTTATTTCAAAGATGGTGGACAAAC

>naRXA01271
ATGGCAATAAGCATTGGTAAAGCAGGACAGAACTTAAAAGGGTCAGTGCCTATCGGAAAA
GTCCTTTTTCTCATTGATGCCCTTGCTGGATTTCTGCACTATTTATCGGTGTGGTTTTG
CGGTATGAATTCAATCTGAGTTCTATCAACTGGAGTGCGTTTGCATGGTTCGGGCTTGCT
GCAGTTATTTGCAAGTTGTTCTCGGACTTTCTCTCCATCTTTACCGCAAGGGATTACGT
CACCTTTTCGGTAGCTTGAAGATAACAACTTTCTATCTCGGTCATTGTTGTGCGGT
GTTGTCTTTGGATCGCCTCACTATTTGTTGGTCAGCGTTGGAATACTCACGCGGTGTC

ATGCTGCTAGTTATCCCGCTTGCTCTCGTATTCGTATTGGCAGTGCGTTATCTCGCGCGT
 ATGCGAGTTGAGCGTTTTTCGTCTCGTCCGGCTGCGGATTCCACACCAGCATTGATTCTTGGT
 GGTGGATACATCGGTACCAACCTGATCCAGTGGATGATGTCCGATCCTAAGTCGCCTTTC
 CGCCAGTCGCGCTTATTGATGATAACCTGAATTAGCATGCCAACGCGTACGTGGTGTG
 CCGGTTCTTGGCAAGTTTGATGATATCGCCCAAGTTGCATCAGACACTGGCGCAGAAGCTT
 CTTATCGTTGCTATTGGTGATGCCGACTCTGCACTTTTAAGGCGTGTCCAAGATACCGCT
 AATAAAAATGGTCTTTTCAGTAAAGGTAATGCCGCTATTGACCGCGTCTGTTCTAAGGGC
 GTTCGTGGAAACGATTTGCGTGATCTCTCTATTGAAGATTTGCTTGGACGTCAACCTGTT
 GAAACCAATGTTTCAGAAATTACTGGCTATCTAACAGGTAAGCGTGTCTTGTACCGGT
 GCAGGTGGGTCAATTGGTTCCAGCTATGTACGGAATTGCCAAATACGGACCTGCTGAG
 CTTATGATGCTTGATCGCGATGAGACTGGTTTGCAGCAGGTTCTGATTAACGTTGCTGGT
 AACGTTTTGTTGGATACGGATGCTGTGGTTCTTGCGGATATCCGCGAAGCAGACGCGATG
 AAAGAGATTTTCTCAAGCGTAAACCAGAAGTTGTCTTCCATGCAGCAGCATTAAGCAC
 TTGCCAATGCTGGAGCAGTATCCAGATGAGGGCTGGAAAACAAACGTTCTAGGAACTCTT
 AACGTTCTTGCTGCCGAGAGCTGTTGGTGTTGAGACTTTCGTCAATATTTCCACCGAT
 AAGGCAGCTAATCCAACGAGCTCTTAGGGCACTCAAAGCAGTCGCTGAAAAGCTGACT
 GCCTGGTATGGACAGAATTCCACCAGCAAGTACCTATCGGTTGATTTGGAAAACGTCATT
 GGTAGCCGTGGATCGATGCTCCCGACTTTCACCAGGCTAATCATGGAAGATAAACCGCTA
 ACAGTGACGCACCCGGATGTCACTAGGTTCTTCATGACAATTCCTGAAGCTTGCCAATTG
 GTCCTGCAAGCCGTTGGTATTGGACGTTCCGCGAGGTTCTCATCCTTGACATGGGTGAG
 CCTGTAAGCATCCTTGAAATTGCACAGCGCATGATCGCAATGTCCGGTAAAGATATTGAC
 ATCGTGTTCACCGGCTTCCGCGAGGGCGAAAAGATGCACGAAGAGCTGGTTGGTGATGGT
 GAAACCGAAGATCGTCCATTCCACTCAAAGATTCGCATGCACATGCAGAAAGCCTCGCT
 CCTAATAATCTCGATAGAGATCGATTTATGCAACGTGCTGGAAAACCTAGCTTCAACAGAT
 TCGGAGATCATC

>naRXA01271-downstream
 TAAATGACTAATGAACGAATTTT

>naRXA01273-upstream
 GACCTATTCAGCGCTGGATTTTTTCTGGCATTCTTCTGGCAGTCAGTGAGTTGCTAACGT
 TCTATTGGTTAAAAATTGATCTGCAAGAGGACTGCAAAAT

>naRXA01273
 ATGGAATTAAGGGAATACGCGACAATCCTGATGAAGAATTGGGTGTTGATCGTTATCGCA
 TCCATTCTTGGAATTGCAGCGGGCGCTGGTTTTTCCCTTCTAGCTACACCGGAGTATCAG
 TCACGTACTCAGTTGTATGTATCGGTGCGGTGCGGGCTGGGACAACCTCTGACATGGTT
 CAGGGTGCTAACTTTTCGCGTCAGATTGTGAATAGTTATGTTGATGTCAATTAAGACGGGT
 GTTGTCTAGAGCCGGTTGTTGATGAGCTTGGTCTGGAGTTGACGGCTAACCAGTTGAGT
 TCTCATATCAGTGGGCTTCTCCTGCTGATACTGCGTTGATCAACATCACTGCTTCTAGT
 CCTTCTCCTCAGCAGCGGCTGAGATCGCCAATGCAGTGGGGGAGAGTTTCAAGAATGTG
 ATTCAGACTGAATTGGAACCAGACTCCGGCGATGGCATGAGCCCGATTAACTGACTACT
 ACTCAGGTGGCTCTGGAACCATCTTCTCCGGTCAGTCCTAATGTGATGATGAATATCCTC
 CTCGGCCTACTTGTAGGTCTTGCAATAGGTGTTGGTATTGCAGTGCTTCGCGCGGCTTTG
 GATACTCGTATTCATTCCCTTGCGCGATATTGAAGAGGTTACTGATAAGCCACTTTTGGGC
 GGAATCATTGCGGATTCTGAAGTTGAGAAGCACCCGTTGATCATTAAGCACAGCCGCAT
 AGTCCTATTGCGGAGTCCTTTTCGTGCGTTACGTACTAACCTGCAGTTCCCTAACGTCGGC
 GGCTCATCTTCAGTATTTGTTATCTCCTCTGCTAATCCTGGTGAGGGTAAGTCAACCACT
 TCTGTAAACCTAGCTTTGGCGCTTGCAAGGCCGGCTCCCGGTAGCGCTGATCGAAGCT
 GATCTTCGCTTGCCACGAGTGAGCAAGTACCTCGGAGTTGAGGGCAACGCAGGTCTGACT
 GACATTCTCATTGCAAGGCCGAGGTTAATGATGTGTTGCAGCGTTGGGGTAGGACTCAG
 TTGTACTATCTCCCGGCAGGGCGCATTCGCCGAACCCGAGTGAGTTGCTTGGTTGAGCT
 GAGATGGACAAGGTCATTGCGGAGCTTGAGGAAAGCTTTGATTATGTGATCATCGATGCC
 CCTCCGGCGTTGGCGGTTACCGATGCTGCAGTTATTGGTCATGGCAAGGCTGGCATCCTG
 ATTGCGGTCTCCGAGGTTCTACAAAGAAGCCTGAGTTGGAAGCTACGCTGTCCACGCTT
 GAGAATGCGGATGCCAATGTTGTTGGCGTTGTCGCTACGATGCTCCCGCCTAAGTCTGTG
 GCTGGTTATGGCTACGGAAATTACGGCTACGGCGACACCTCCAAAATCAATGCCCTAAG
 CCCGACAACACCGAACTAACCAACACCGATGCTTCCAAGGCCAACATGAGCAA

>naRXA01273-downstream

TAGCTTCACTATTCTCACTGTCT

>naRXA01275-upstream

CGCCATACTAGGCTCGGCCTTTTCGACGGGAACTCGGATAGGCTTCTGTAAAACCATCCC
CGTTGAAGAGAGACTCGTGGCTGAAATAACCAACCCCATTA

>naRXA01275

ATGGAAAAAATTCGCTCACCCGCAGTCCAATCAGATGCACTGCAGGTTTTTAAATCAGCA
CTTGCTGCGACAGTCACGTGGTGGATTTTCGGTTAACCTCCTTAACCTCCCACTACCCTTT
TTAGCTCCCTGGGTAGCGTTAATGACGATGCAATTCACCGTCTACCACACCTTTATCAGT
GGAATTCAGACTGCAATTGCTTCTGTTCATCGGAGTTGGACTTTCCTTTGTCATAGGCACT
TACTTAGACGTAAGTGTGTGGACTTTTGGCCTTGCAATGGTCATAGGATTAATAGGTGCA
CGAGTACCAAAGCTCCGCGCGGAAGGAATAGGTATTGCTACTACATCCATTTTCTTCTT
GCCTCCGGGTTTGATGATCAACAACCCCTTCTATACGACCGTATTTTAGAGATCCTGCTC
GGCGTGGCTGTTGCCATAGCCATCAACCTCATCATCTTTCCTCCCTTACGCGACCAGGAG
GCAAACATGGTGGTAGGAACTTAGATCGGAGGATGGGTGAGGTTTTACAAAAATGGCC
GATGAGCTTGCAAAAAGTGAATATCGACAATGCAGATGAGTGGCTGGAAGAAATTAAT
TCTATTAACAATGACCTAGAAAAAGCGTGGCACTCCGTGCGGTTTCGTTTCGCGAAAGCCGT
CGAGTTAATCCTCGTAAAAATCCGCATCCAAGAGGGCCGCCCCAGCCTACGGAAACAAGT
TATGAATCAAACCTCACCAGCATTGATGAAGGGATCGCTCATTTACGCCACCTTGCCCGT
ACTCTTCGTGATACCCCGATTATAGATTCCGACTGGGGATCCAGTATTCAGCAACAGTG
GGTATCCCTTATGACGATGCCGGAGCTTTGCTCGCAGATCCGAATCAGGAAATAGATCC
TATCCGCGACCGGCTCTC

>naRXA01275-downstream

TAAACTTTCAAGTGAGATGAGTG

>naRXA01276-upstream

CTAGATGCCCGGAAAAATAGCATCTCCTATACACCCAAAAAAGGGGAGCGCTGACAGAA
AATAGTAATAATTTTGACAGCTCGTGCAAAGATGATTGGC

>naRXA01276

ATGCGTAAAACCTCATCACCATGCTCGCGACCACCGCGATCGCCTTTTCCGCCATCTCA
CCAGTGCAGGCGCAAACCGTGGACACAGACACTGACGCCTCCGTGTCTGAGCTGAGC
AGCGGCACAAGCTCAGGAAGTTTCAAGGATTCCGAAGATTCTGACATCTCCAAACGGGAC
ATCATCTTCGGCATCGCAGCTATCGCTGCAGTCCGCGGACTTATCGCAGGTGGTGTGCAC
TGGGCAGTACAACAGCGCATGATCCCAAATCCCTCCCAGGAATCATTCCAAATCCCTT
GCATGGCACCTCAGGCGCCTGCCCCAGCACCTGCTCCCGCTCCTGCCCTCAGGCAGTC
GCGCCCCAGGTTGTGCTCCCCAGGTTGTGCGCGCTGCTCCAGCCCCAGTACAGACCAAC
CGCACCTACAAAACTGCACCGAAGTATGGAACGTCCTGGGAAGGTCCATCCGCCAAAGC
GATCCAGGCTACGGCACACACCTCGACCGCGACCGCGACGGCATCGGCTGCGAATCACGC
CCTAGG

>naRXA01276-downstream

TAGTTTGGGTTTTGGGGATCTTC

>naRXA01281-upstream

GGACAACCTCATCAAATGCAAACATGCGCCACCGCGTCCCGGAAAACAGGGGCGATACC
GCGCTTGAGTGCGAGGTGCCGTCAATTCCCAACTACAAGA

>naRXA01281

GTGGGACTCAGCCGTTACATTATCAGCTAGCCGCAGAAAACACCAAATCCCTTGTTAGA
ATGGTTCCCATGACTGTTTCTCAAGGAAACGAACCAAGCAAGAGCTCGCCACTGACCTT
AACCGAAACCAAGTCGTGGATGAATTTCTGCAGCTGTTTCCCGAGGTCAACTCACTTG
GAGGAATTTGAAGATCGCTCCTCCAAAGCATGGAATGCCCGCCACTTAGACACTCTTGTA
GAGCTGATCTCTGATGTGAACGACAATCCCTACACTCTGCTTGGTCAGCAATTTCCCGGC
GCCTCCTATGCGCCGGCGGCCTACGAGACCACTCCCCAGCGATGCCCAATGTGTCAGAT

CCTGTAAATATTGTCCGCAACAGGATTACCGGCAACCCGAATGGCTCCAAAATGTCCGGTC
TCGTTTATGGGTGGCACCCTGCGCAAAGGTGGATGGCATGTGCCTAATGTTACACATCC
TTCGCCATGATGGGCGGCAATCAGATCGATTTCGCGACGCCTTCCTGGAAAGCGACCGC
ATTAGATCAACGCCCTACACATTCATGGGTGGCATCGAGATTATTGTTCCCGAGGGTGTT
TTTGTCAATTTGTATGGCATGGGCATTTTCGGCGGCTTCGAACAGTCTGTGGACAAGGCC
GGTGCACCTCAATCCCGCGCGCCTGCCAAGCAACGCGCCACGGTCCACATCAAAGGCCTG
GCGTTCATGGGCGGAGTCAGCGTAGTCACCAAGAAAAACATT

>naRXA01281-downstream
TAAAAGCTTGTGACGCGCCCC

>naRXA01282-upstream
CAGGATGGGTCCGAACGTTTCGCGTCGTTTGGCGGTGTGGTTCTGGGTCATTTGGTGGGCAG
CGGTAGGAAATACAAAAGCCCACTCTAAGATGGCAGGGT

>naRXA01282
ATGGATGAGCTGCTCAAACAGGAAGTCAAGGATTTCTCACCACCAGGCGTGCACGGATT
ACGCCGGCCGCTGCGGGACTAGAAACGCAGCCGTGGAGTGATCGTCGGGTGCCGGGGCTT
CGGCGGGAAGAAGTCGCGGATCTGGCGGGCATTTCTTTGGAGTATTACATCCGTTTGAG
CGCGGAAATCTCAAGGGTGCATCGCCTGAAATATTGCAATCGTTGGCTAAGGCTCTCCAA
CTGAGCCCAATTGAGCGCGAACACCTTCACAATTTGGCTTATCGCGCCGACCATCCGCGC
AACCTACCTAGTGCAGAGACCCCAACGGCACCCCTCCAGGACATCGTTGATGCGGTCACA
GATAAACCGGCGTGGATCCGCAACGAGCAGATGGATATTTGGCTACAAATCGGCTCTGC
GCGGAACCTTTACGCCCCGATTTTCAAGGATCTGCCGATCGGCCCAACACTGCGCGGCAT
TGCTTTATCGGCGCAACAGCCTCCGAGTTCTGGGTGGACCGGGATCAGTTCAGTGCAGGAG
TTCGCTGCCAAACTACGCTCGAGTACGCCCGCGCCCCAGCGTGCCAGGTTTAAAGGAG
CTTATCGACGAGCTCCATCAGAAAAGTTCTGTTTTCCGCGATAATTGGGCGTCTGCTGAT
GTTTTGTCAATTCGGCTCTGGCATCAAACGTTTCAGGCACCCAACACTGGGGGAGCGGGTC
TATGAATACGAGACGTTTAATCTCAATAGTGCACCGGGGTATGTGTTGAGCATTTACTTT

>naRXA01282-downstream
TAGGTGGTGGAGGGGCGCGTCGA

>naRXA01294-upstream
ATGAAGGGATACCGCTCCTTTTCGGGGGTACAGCACTCCAGCAAGACTCATTCGGCTCAG
TTAGAGTTCACCACAACGACTCAAAAAGAAAGTGGCAGC

>naRXA01294
ATGTCTACGATTCCTGATGTTTTACCAGTGAAGTGTTCCCTGAAATCAGTGGCACCAAA
GAATTCGGTGGCCTGACTTATATGTTCTTTGATCAATTCACTTTGCCACCGCAGAACAG
CTTAGCAAGCTAAAGCAGCTGGCTGGTCACTGATCACCTGGGGATGGTGAATAGCGAC
ACCGATCTTGAGGATGTGCAATTGGAAGACATCACTAATGAAGGCGACAGCCTACCAAAA
CTCACGGATGAATTCGCTGTGTCTTCACTGAGCACCTTCGATCTAAATTCCCAAGGCTG
CCCAATGATGATCGTGAGCCGCAACCAATTGAAGAAGCCGACTCACTAGATGACATCTTC
TCCGAGGAAGAGGGCTGGGGTCTAATGGCAATCAATTGCCGAATTGGCAAGTCCAGCA
GCGTGTGAATGGCTCGGCTGCATGAATGTTGGTGAACCATTTGAAATGTACACGTAATT
AGGGTGTGGCAGAACAGTTGGGGCGTCGAGGCCCTGGCTTTTGGTGGTGAAGAAGACGAC
GCGGATCTGCTGCTTCGAGTCCCTGAAGAAAGCGAAGAGCTACTGAAGGCTCTCGCAGTC
GCTTCTGACCAAGTCACTACCTACAAGCATGAAGATCTGGGATTCTTAGCTAGTCTTTGG
TTTGAC

>naRXA01294-downstream
TAACTACAATCAATGTCATGACC

>naRXA01295-upstream
TTTCTGGTGTTACCCCTCGGGTAATTGTAAAAATTCATTGATTAAAAACGATCAGCCAA
TGGCATGCTCAGACTCCTTGTGAAGAAAGTGACAGTTTCG

>naRXA01295

ATGACCGAAAATCTTGATAATGCGTTGCTATCCATGCGGATGAAACCTGTACAAATGGCG
CTTATGACACTGGGCTACAACCATGACATGGCGGTGACCGATTCCGGTATGGAACCTATA
GTGCGCCGCCCAGGGCTGACCGTGAACCTCAACTTGGATTGCGTCACCTTGTGCATCGTC
GCTGATTTTCATGTGGCATGGCTGTGTCCCTGCAAAGAAACAGGCAGAGTACCTGCGGGCC
GCTAATGAATTCAACAGGCCAACCCGTGATCTGCAGGTGGTTTTAGATGAAGCTGATTCA
AAGAACATGACTGTGCGAGGTGCGTGAATTCCTTCTCAAGCGTCGGCGCAACGTGGGAA
CAGTCGGCAGAGTTCGTGCACTACTGCATGAATGATGTGGCAACGACTTTCGTGTCTTGG
TGCGAACAAATCTGGCCGAAGTTTTCCCTGAACGCGTAGAGTTCAACGCAACTCCTCCA
GATGTGGATTTTCGAGTCTCTGAAGATCAACTCAAAGAAGGCAATCCCTTCGGGCTGATT
GACGAACCCACCCCGCTGGTTTTCTTTGGATCGTATCTACCAACAATACGAATTAATGGGT
GCGGATCAACTCAAGATGGGGGAGGACTTCGTTGAGTATCTGCATATGGGTCAACGTGTC
AGTGCATGGTTGACCGATGGCAACAACGGCAGCGATCGAAAAACCTAGCGGTGTCTTCC
GGTACAGGTGTGAAAATCAAAAACAAGAAGCAACTTCAGGAACCTTCTGGACTGTGCAAC
CTGTACTCGAAGAACATGTACTGGTCACAGTATTTGCGGAAGAGATCGAAAAACGGCGCA
AGGTGGGGTATTTTCGCCGAAGCACGCATCGATCTACCGGCAGGGTTAAACGATCATCAG
TTGTGGGTATTCCTCGCCAACCTCCAGCAAATGGACTGCAGAGGTGTGCCTGACCGTGGCA
CACCGACTGCAGAAC

>naRXA01295-downstream
TAAAGGCAGAACTTAAGCGTTCA

>naRXA01296-upstream

TAAAACTCCTGTTTCGAAATTGCCAGACAGGTGTCCACCAACACTGCTACATTGCATTGG
AGATCCAGAATCGATCACTCTACGACCAGGAAAACTTTC

>naRXA01296

ATGTCCATCGAGCAAGCAATCACTTCACTCTCCGCAAGAGTGCGGGAACATAAGCCCATC
ATCGAGACTGAAGAAGCCACCAAAACCGCACTGATCATCCCTTTATCAGCAACGTTCTC
GGCTACGACGTCAGTATCCTCGTGAAGTCATTCGGAATACACTGCTGATGTTGGCGTC
AAAAAGGTGAGAAGGTCGACTTCGCTATCAAACCGGCGATGATTTCACTTCTCATC
GAATGCAAAAAGGTGCGCTCCCCACTCAGCCTCGATCACGCTAACAGCTCGTCCGCTAT
TTCAATGTCACAGACACCGAATTTGCCATTCTCACCAACGGCGAAATCTACCAATTCTAT
GGACAACCTCGATGCAGCCAACCGCATGGATGCAAAACCATTCATGACCTTGGATTGAAAC
AATATTGATGCCCCGTCAGTTCCCTCATTTGGAAATGTGTACCCGCAAGCATTTCAACCCA
CAAGCGCTAGCCGCCAACGCTGAAGAACTGAAGTACATTGCTGAATTGAAGAAAGTCATC
GCGAATCAATTCCAAGAACCTGACGTAGAAATCGTCAAGATGCTTGCGGCGACAGTCACC
ACAAAGCGTATGACTGCACAAAATCTGGAATTCTTCACCCGCTTGGTTAATACTGCGTCT
TCCCAGTTCTCCTCAAAGACGAGGTCAATCGTAGATTGCGCTCCGCCCAAGTCTTTGAGGAT
CCTGTCCAAACACAAGGTGCTGATGCAGAAACACCAGCAGAGGACGAAGCAGTAATCGAA
GAAGTGGTTTTAGAAAATCGTGACGACAGAAGAGGAAATCCACGGTCATTCAATTGTCCGT
GCAATTTGCTGCTCAGAGGTATCGGCACAAGAAATACCATGCGTGACGCAAAATCCTAC
TGCGCTATTCTCTTCCAAGACAACAACCGAAAGCCAATCGCCCGTTTCTACTTTGATCGC
AAGATTCCACGCATCGGCATCTTCAATGCTGAAGGCGAGCAGGAACACTTTGATTTGGAA
TCCATCGAAGATATCTACAACCACGCTGATCTTCTGCATTCCCGCGTCGTAGCATTGAAC
GCT

>naRXA01296-downstream
TAAGTTCTGCCTTTAGTTCTGCA

>naRXA01301

TTCCTCCGCTAGAAAGCATCGAACCTAAAGGTCTGCCCCGCGCTACTACTTTGGCGAT
GTCTCTGACACCGTAGACATCCTGATTGGTTTTCCCGTCAGCCCCGCGCAAGCAGAATCC
CTGCGCCGCGGCGCATTTGAGCCAATCCGGTGGCGACATCGATGACGTTGTCTCCACCAC
TTCCGCGCATGAAAACCATGCACAGCCGCCACTCCGCCCCCTTCGATGGAGTCGAGCGC
GTCTGGGACGAAATCCTCGATGAAGTCGAAGACCTCGGATGCACTCTGCCATCCAGCAGC
ATCGGTTGGGAAGAATACATCGAGGGCCCAGCCACCGCTGATACCTGCGACCAACTGGCC
TCTGAAGTTTATGTTTCAGGTGTGCCAAGCACCGGTGAAGTCTGCA

>naRXA01301-downstream
TAAAGATTCACCCGGAATTTCCC

>naRXA01304-upstream
ATGCAGGTAAACGAATTTGTGCTTATATCAACATTCGTGATTCGGCAAAATTAATTAAAC
TGAAAAAGGGGATTAATTACCCCCACTTGAGGAGAAATTG

>naRXA01304
ATGCCCCGACAGAACAAAAACCTCCCAGGATCCGTCATCGTTGTGTCTGATCGGATTAAATCGGGAGAAAGATTGATAAAGCAGGACCCGTAGCAGTAGACCTTCTTCAGGAATCAGGC
GTGGAGATTTCCACATTCACCGTCGTGGAGGAGGGCTTTGAACCTGTCCATCAAGAATTG
GTTAAGGCGTTGGCGCGCCGGGATCGCGTCATCATCACCATCGGCGGAACGGGCGTGGGG
CCTAGAAATCGGACGCCGGAGGCCACAGAACCGCACATCGATACGCTACTGCCGGGTCTG
ATGACGCAGATTTTGTCTCTGGACTGTCCAATACCGCGCAGGCGGGTTATCTCGGGGG
CTGGTGGGCTTGAGTGCTCGCGATTCCACGGCCGCGCTCATCGTCAACGCGCCGAGTTCT
TCCGGGGGCGTGCGCGACGCGCTCGGGGTGGTCTGCCGCTTTTCGGTTCCATTTTGTAG
CGTCTT

>naRXA01304-downstream
TAAAAGATTTTGTGCTTATCGACG

>naRXA01306-upstream
CGTGCCTGTAAATGCGCTCGCTCTGCTGAAGACCACCCAGACAATCACCCCGCTCCGAA
GGAGAATCGATAAGCC

>naRXA01306
ATGACTGAATGGTATGTCGTTTTACCCGCCACTATTCTACTCATCGCGCTGTCTGCGTTT
TTCGTATCATTTGAGTTCGCTTTGCTTGCAGCTAGGCGGAACCGTTAGAGGAGACTGTG
GAAACCTCGCGGTCTTCCCAGCTGCGTTGCGAAGCCTCAATGAACCTACTCTCATGCTC
GCGGGCGCGCAGTTGGGAATCACCATGGTGAATTCGCGTTGGGTGCTATCAGGAAGCCG
TGGGTTTCAATATGCTTTGATGCCGCTCTTCGAATGGGCGCGTATACCGCTGTTATGGCA
GATGTCAATGCGTTTATTTTGTGCTGTTTATCGTAACGTTTCTGCACTTGGTCATCGGC
GAAATGGCTCCGAAATCCTGGGCAATCGCGCATCCGAGACGGCACTTCGAACATCGCG
ATTCCCGCACGGGGCTTCATTAACCTGTTTCGTCCATTGCTGCAGTGGATCAACAAAATG
GCGAACGATTTGGTCCGCAAGTTGGTGAAACTCCCGTTGATCGAGCTGCAGCTGGTGGC
TATGACACCGATACCTCCATGCCCTCATTGAGCATTCCCAGAAACTGGCGCTCTGGAT
CAGCAATCCGCCGCCCAATCAGCGGAATTATCAAGCTGGATAAAATCACGGTCGGTCAA
ACCCTGACCGCATCTCCATTTACGCACAGCGCCAGCGCCACGGTTGCTGAGGTGCAAGCC
GCAGCTCAGCGCAGTGGCAGCTTGCCTGTGCTTATCGACGCCCCCTCCACCTTTTCCCA
CACGTCAATTCATGTGCGAGACACCTTTGGTGCCTCGCCAGACGAGAAGGCTTCGAAGTGG
TCTCGCCCAATCTCACCGTTGCTGAGACCGACGTTACACCAAGCGCTGGAATACATG
CGGGAGCATAACGAGCAGATCAGTGCCTGCTTCCGCTGATGGGAAAACGGTGCTTGGT
GTAATAACTTGGGATCACATCTTGAAATACCTGTGGCCTGCATCGGTG

>naRXA01306-downstream
TAGCTAATTTGAGGTGCGCTGAA

>naRXA01310-upstream
AAGGAACGTGCGGTGACGCTTTCCGAGGCAAAGACGACTAGTCTTTAATCCAAGTAAGT
ACCGGTTACAGACAGTTAAACCAGAAAGACGAGTGAACACC

>naRXA01310
ATGTCCTCCGCGAAAAAGAAACCCGCACCGGAGCGTATGCACTACATCAAGGGCTATGTA
CCTGTGGCGTATAGCTCTCCACACTCATCCCTCGAGCGCAGCGCAACCTGGTTGGGCATG
GGATTCTCTCTACTGCTCTGGCAGGCGTTGGCGCAGTCTCTTCGCAGTCGGCGCAAAC
AGCGTTGGCCAGCAGCAGGAACACTGGGTCTCTACAGCATCATCGGTGTTGTATTGCGC
GTTGTCTGCACAGTTTGGGACCGTCTGATCATCAAGGGCCGAGCACCTTACAACCGT
TACGTCAAGGAAACCGGCCGTACGCAG

>naRXA01310-downstream
TAGTTTCTGTATGCAGGTTCTTT

>naRXA01313

GCCGTAGGCCTCATTTCACAGCTGCTTGACCATCTGCGGCGTTGAATTTTAAGTCCGAG
CGCAATGCCGTCGACGTGGCAAACACATGCTCGCCAGCCAGGCCCAACAACGCGGTTCC
GCACTCGTTGCGCTAGACACCCGCTCGGAAAACGCCGACGCCGCCACGGCATTAAAGAAAG
TCACTGCTCATCCGCAGCTGGACGCAGCGCGCACCCACCAAATACTTGCCGCCGAAGAC
GTCCGCTGGATGACGCTACTATGCTCCCCACGCATCCTGGCTGCTTCAGCCAAGCGCCGC
TCCAGCCTTTGCTTGATAGCGCCGCGAGTCCAGCGCGCCCGCGACGCACTAACAACCGCC
GCCGAAAAATCCCCGTATCCAGAACCCAGGCCTACGAAATTTTCCGATCCGTAGACGTT
GACCCCGGCGAGCACAGAGGCCAACATTTACTCCGGCATTTCGGTGGCGAAGGTGACATC
GTACAAGGCCCGCCCATCGGAACGGAAGATTCTTTGTGCTTCTCGATTCCATCTGCCCC
CTTTCCCTAGCACTTAACGCGGACGAAGCGCTCACAGAGATGACCCGTCGCTACTTCCAC
TCCCGTGGTGCTGCCACTGTGAAAGATCTGGTGTGGTGGACCGGACTGACTGTGCGTGAT
GTAAAGAAAGGCATCGCTGCCGTGTCTTCGGATGGACTGATTCACTCTGTTGAAGGCCCG
AATGGTGAAGAAATGTGGATCCCTACCTGGGCAGATGATGTACAGACGCAGAGGTTTCT
GATGCACTAGCGTTGGAATAACCTCCCCGCTTTGATGAATACCTACTTTCTACACC
GACCGCAGCCACGTATGGATCCCGAGCACCTTTTACGATCGGTCCCGGCAAAAACGGT
GTGTTCAAACCTTCAAAGTAGTTACAGGTGAGGCACTGCCGTT

>naRXA01313-downstream
TAGCCCAGCAAAATCTTCACTTG

>naRXA01315-upstream

CATGTGCGGTGTGTCTTAAGTCATTGATGTACCTAACGCCCCCTAAGTTCACTCGGTGC
AATATTGCACTGAGTGCAAGTTTACACTAGGTTTACTTCA

>naRXA01315

GTGGATATTGAAGAGCAGCCCTCGTTAAGAGAAATCAAGCGCCAAATGACCCCTGGAAGCG
ATAGAAGATAACGCAACCAGGCTCATTCTGGAGCGTGGCTTCGACAATGTCACAATCGAA
GACATCTGCGCAGAGGCAGGGATATCCAAGCGCACATTCTTTAACTACGTGGAGTCCAAA
GAGTCTGTGGCCATCGGGCACACAGCCAAGCTCCCAACGGATGAAGAACGTGAAGCATTC
CTGGCTACGCGTCATGAAAATATTATCGATACTGTATTTGACCTGGTAATCAACCTCTTT
GGCAACCACGCAACTCCAAGTCTGGAGTTGCAGGCGACATTATGCGTCGACGCAAGAG
ATCCGGGTGAAGCATCCAGAACTGGCAGTGCAACATTTGCCAGGTTCCACCAAGCACGC
GAAGGGCTAGAACACCTAATTGTTGAGTACTTCGAAAAATGGCCAGGCTCCCAACATCTA
GATGAGCCTGCAGATCGAGAAGCAATCGCCATAGTTGGCCTGCTGATCTCGGTGATGCTT
CAAGGTTCTCGTGAATGGCACGACATGCCACAAGGCACGCAAGCTGATTTCCAAGCCTGC
TGTCGCAAGCAATTAAAAATACTTTTCTTCTTAGAGGTGGATTTTCAGAA

>naRXA01315-downstream
TGACATCACAGGTCAAGCCGGAC

>naRXA01316-upstream

AAAGCGCAAGGCTAAGAAGGATTCCCCAGAACCAGGCGATGACGATATCATCGATGGAGA
AGTAATTCTCCGAGAATTAAGGAAGTCGGTTTCACCCC

>naRXA01316

ATGGATATTTCCATGCTCAACGTAATAACGAGCTACACCATTTGGGCCATTTTGGCCATC
ATCGGCATCTGCGGATTCTGTTGGTGCCTTCTTGGCAGCCACCACCAGAGAAGATGCCTTT
GAGGTTGCTGATCGCCAAAAGAAAATGGTGTGGGTAGCAATCCTTATCGCATCCGGATTT
GTCCTACCCGCGTAGGTCCATCGATTCCGATCCTGCCATGGGTGCGCATCATCATGATC
GGCCTGTACTGGTTTGATGTTGCCCCGCAATCAAGAGCATCCTTGAAGGTGCCGGCGGC
TGG

>naRXA01316-downstream

TAAAAGCTCCCTGAACTGCGAAA

>naRXA01317-upstream

ATACATCCGCCTTAATGGCACAATTGTAGGTGCATTAGCAGGACTGGCCATTTACGCTAT
TTCCCATATCCTTTCGGAGCTTAACTAGGAGTAACCATC

>naRXA01317

ATGTCCGATGCAAAAAGACGATTCCATCTTGTCCAAGTGGAGCAATGCAGCTTCCGAGCTC
AGCGGTGCCGTCAGTGGAGTAGCGAAGAAGCTCCGTGAAGAAGCTCTCTGAGAAGGAAACC
TTCAGCAAGCTTAAAACCGAAGCCAGCGAAGCCGTCGATCAAGCAAAGTCCGGCTCCTAC
CTAGATGCCGGTAAGGAATTGCCCCGCGACGCCGGATCCATCATCAAAGATGCAGCCAAA
ACCGTCAAAGGTGCCGTCAGTGATTCCGATAAAAAACGACGTGAAATCCGCCCTCGGTAAC
GCCGTGGAAGCTTCCCGCGACAAGTTCGATGACACCCTCGAAAAGCGCAAGGCTAAGAAG
GATTCGCCAGAACCGGCGATGACGATATCATCGATGGAGAAGTAATTCCTCCGCAGAAT

>naRXA01317-downstream

TAAGGAAGTCGGTTTCACCCCAT

>naRXA01318-upstream

GGACGCGTTCCAGAGAAAAGTGCAGGCATAACCCCTAAAATACCCTGATCTTCCCCCGTG
TCCTGCCCCGTGTCCACCCCTGCGTACATAATAGGACGC

>naRXA01318

ATGGGAAAACATGAGGTTGCTCAGCAGACGGTTCCGGGTCCTTCGCCGGAAATGGAAGCG
CAGCGGCGTAAAGAGTTGCGCAAGCACAAGGCCATTGCCACTGGCCTGTTGATTTTTGCT
GCCGCTGTATATTTCTTTGCCGTTTCGTGGAGACCCGTCCGGGTGAACTGCAGCGTGG
GTAGGTTTTGTGCGCGCTGCGGCAGAGGCCGAATGATTGGCGGGTTGGCCGACTGGTTT
GCGGTCACCGCGCTGTTCCGTATCCATTGTGGCTGCCTATTCGCGACACTGCGATTATC
CCGCGCAAGAAAGACCAGTTAGGTGAGGCCTTAAGCGGGTTTGTGGGGGATAACTTCCTA
AATGCCCAGCTCATTACGGAAAAAGTCTCTCAGGCGCGGATCCCAGAGCGCGCCGGGGAG
TGGCTCGCCCCAGCCGGAACCGGGAGAAAAGTTTCGCGCGAAGTCGGCAAAATGACCGCT
AATATTGTGCGCGCAATCGATCCGTGAGTGAAGCGGTGATTAAATCTGCGGTGATC
GACAAGCTTGGCGAACCCACCTGGGGCCCACCAGCTGGGCGGTTGCTGGAACAACTCCTC
GCCGAAGGCAAAGCCGAACAGTTGTCCAGGAACTCGCGCAGTGGCTGCACAAAAGGCG
TTGGGCTCCGAGCCGCTGATTGATCGCCTGCTCAACGAGCGCCGCCGATTGGGCGCCG
AAATTCACTGCGCAGCTGGTCAGCGGCAAAGTCTATGACGAGGTGATAAAATCACTGAA
GCCGTCGCTGCCGATCCTAACCACGAGGCCCGCAAAATCGCTGCGCCGATTCTTAATAAA
TTGGCGCAAGACCTGCAGCATGACCCAGGCATGATTATTAAGTTGAAGAAATCAAACGC
GACATCATGGGCTCCGGCGCCATCGCGCAAGCCGCGCCAACCATCTGGGCGTCAGCCTCC
GAGTCGCTCATTGAATCCGCGAGAAGATGAGTCATCAATTCTGCGTCGCAAAATTGCCGAA
GCAGCTACCAGCTGGGGTCAAAGATTGCTTGTGCGACGACTCCCTCCGGCATTCACTCGAC
ACCCGGATTACCGGCGCCGCTGCTTTCTCGCCGACAATTACGCCCCGAAAGTCACCGGC
ATTATCTCCGAAACCATTTGAACGATGGGACGCTGAAGAAGCTTCAGAGAAAATCGAACTC
ATGGTGGGCAAAGACCTCCAATACATCCGCCTTAATGGCACAATTGTAGGTGCATTAGCA
GGACTGGCCATTTACGCTATTTCCCATATCCTCTTCGGAGCT

>naRXA01318-downstream

TAAGTAGGAGTAACCATCATGTC

>naRXA01322-upstream

TGGCCTGCCCCTGAACTTTTACGGCTTTTACAGAGCGCAGGGCATCATTTTCTTGTGTGCG
CAACACTTGAGAAAAATTGCGGAAAAGGACACTGCTGTTC

>naRXA01322

ATGAAACTTGCACCTCGTATGCGGATGAGGAGCCCCAAAAGTTTCGCGGCCCTCGCCTCA
CTTGCTTTAGTCATAGGTCTCGGCCAGGTACCGATCGCCCCAAGCTCAAACCGAGTATCGA
ACCGCCTCCGACGGTTCCCTGAACTGGGGATTAGGCAATCGTTCCGCAATTACATCCAA
ACCGGCGTGGCCAAAAGGTTCCATCACGCTTGGCGACGGCGCATCCGACAACGGTGGCAAC

TTTCGCATTACCCACGCACCAACGGCACCACCGTGACCAGCGATTCCCAAGGCACCGTG
GAATTCAACGGCTCCGTGCACTTCTCGGACACCAGGCAGAGGACAAATGGATCCTGGAC
ACCACCATGTCTGACATCAAAATGGTGTCAACGGATCCTCCGCGCAGCTAGTTGTGGAT
TTGGTTGCCCGGAATTC

>naRXA01326-upstream
CCGGCTGGCGCTGAGGAAACCTTGGCAGGCGCTCCCCGAAACT

>naRXA01326
TTGCGCGAACGACTACTTCAAAACAATGGTGGCGAAGTCATCGACAATGAAAAACAACGAC
TGGATTCTCCATCCAGTTTCGTGATGACAGCGACCGAAAAAGGCTTGTCCGAACTGCCAAC
GACATCATCCGCGAGACCGAATCTGCACGTGAATGGGACAATTTCCCGAAAAATGCGATC
GCAATTGCAAAATGACGGAACGGGCGACTTAATAATTCTGCTTCCCGACGATGATGCTTTC
TACATCTGGTCGACGAAGATGAACCCCTGATCGAACTGAACCTGAGGATGCC

>naRXA01326-downstream
TAAACAGCTGGACAGAATTCGA

>naRXA01330-upstream
CCGTCCGTTTCTCGGTGGGTGCGCCCCGCATCCAGCCCTAGAAATATCGGAGAGCTGCT
CGTTGAGGCCCAATGAAATGCCTCCGAAACAGAAACAGGC

>naRXA01330
ATGTGGAAAGACTTAACCGAACCCTGCCCCGAAGCTTGGCTGAGGGCTTAGAGATCCGG
GTGGTTAAATCTCCGAAGAGCTGGCAGATTACGCTGCAGTTCTTCTGCGAATTGGAAT
CCACCCGCCGAACTGTGCAGCGTTTCTATACCGAAGCAGCTGAATACGCACTGAGAAAG
AACTCGCCCGCACTTTATCTGGTGGGTATGCGGGCAACCGCGCAGTGTGTCTGCGGAA
GCATTACATACACGCGAGCGTAGTTGGAATCTACAATATCTCCACCCTTGAGCACAAACGC
CGGCGTGGCTACGGCGGAGCCATCACCTTAGCCACGTTGCATACCGCACGTAACGCAGGG
TGTGACACCGCGGTGTTGCAAGCTTCCGAAGATGGTGAGCCCGTTTATCGCAAACTAGGA
TTCACCGACTGCGGTCGATTTACTGAATACTCTTTG

>naRXA01330-downstream
TGATTAGTTAGGGACCGTATGCG

>naRXA01331-upstream
GCCTCGGACTGGTTAATCCAACAGCCAGGTGGAGCTGAC

>naRXA01331
ATGAACATCATGGGTGACCCCGCAGATGGTAACGGCTGGATGTATGCCTACAACGGCTTG
CACTCCGTGGCCCGCCACTATGCATGGCCAGCAGAGGCGAAGGCTCTGCCACCGCGATG
CTGTTCTGGTGGCTCAACTTCTAGGTGTGGGCACCGATGAAAACCCAGATCAAGTCAAC
GATGTGGATCAGGCTGCTCGTGATCTCAACGTCGGCTACTTCATGATCAGTCCGTGGACG
TTCTGGGATTTCCAGATCCCCAACTTCCGCCAGATCGATCTGCTGTGGCAAACCCAGGC
GTGACACCGGTGTGCAAGAAGGGCGACTCGGTGATCTTCGCAGTCAACGATATGTTCACT
GACGCCGAACCTGGATCAGATGCGTGACCTGGTAATTCTCCAGAACCACTGCCAGAGCTT
CCTACCTTGGGCGAGCTTGGGTTGGCTGAACTGAAGACGAGGTAGATCAGACTTATTAC
CATCGTCCAACGGTTCCGTGCTGGTGTGAACCTCAGAGATGCCTTCAGCCGAACTCTGTAT
GCACCGGATCCAACGAAGCCGCATACGGTCCCTAAC

>naRXA01331-downstream
TAATCACAAGAGTATTCAGTAA

>naRXA01333-upstream
CGCCCTTTAAGGCGCGTAAAGCACTCCACAACACTTCACGGCAGGCCGTAATTTCCCTGT
GAGGTACTTTCTTGCAAGTTGTAGCGCACCGCCGATACCA

>naRXA01333

ATGCCTGGCGGGTGTCCGGTAACATCGTCCGCATGCTGCCTAAATCCCGGATTTTCTCC
GCAATCTTGCTCGGAATTGGTGTGGCACTTGTGGTCTGGGGTCTGGTGGCTCCGCGCTTT
GTGCACGCTGATGGCCGTTTGCCTCTTGATTTGGAGGCGACGACGTACGTTCTCCATGAC
TCTGACGCTCAGACCACTATTAATTCTGATCCGTTGGCCGGTGTGGTGAAGTACGCCGGTG
ACTCGTCAGTTGCATTTTGAGGTGATGGATCCTGCGAGTGCTGATGATGCCACTATTCTG
ATTGGTGATTGATGTTGCGTGGTAATCCTGATACTCAGGGTTTTGAGCAGGAACGGCTC
CTGTGACGCACTGTGTGAGTTTCCGCATTGATCGCACCTCTGGTGAGGTTTTGTCCGAT
ATTGCGCTGACTAATCAGTTGGCGAGCCCTACGGTGCAGTATTGGTGGATGGCATTG
TTGAAGTTCCCAACTGACGCGCAGGAGACCACTTACAACGTGGTGGATCCGGTGTGAGG
TCTGCGCTGCCGCGGATTTTGTGGAGTCCACGGAGATCGATGGCCGTGAGGTGCTGCA
TACCGTCAGGTGATTGATAACGTGAATGTGGCGGAGTATTTCCGCGATGCCAACAAACACC
ACCACGTTGACTAAAGAGGATGGCGGTACCACGACGGGCTATTTTATCACAATGTGACT
CGTGATTTTGGGTGGATCAGCGTACCGGTTTGGTTGTGATCTAGCTGAAAAATTGAT
GATTTTACGGCGACCGCAGCGGCCAGAAGTACGAACAGAAATTGCTTTTCGACGCCCTCC
CTCGACGATGCAGCTGTCTCTAAGCTGGTTGCACAGGCCGAAAGCATCCCTGATGGAGAT
GTGAGCAAAATCGCAAAATACCGTAGGTATTGTGATCGGTGCGGTATTGGCTCTCGTGGGC
CTGGCCGGGTGTTTTGGGGCGTTTGGGAAGAAACGTCGAGAAGCT

>naRXA01333-downstream
TAACCTGCTGTTCAAATAGATT

>naRXA01336-upstream

CATGGCATCCGCCCTCCAACGCGCCGGGCGGGGAGTCCACGGAATGCCCGGCTGGTGGGC
AGCGCAAGCCGTTTTAGCAGATCACAGGTAGAATTGCGAC

>naRXA01336

ATGGAGCCACCGTAAAAGCCAGCGCGCGCCACACCATCCACGTCACCGCCGACACCTGG
CGCATCCGCCCTGAGTGCTCAGCCCACTCACACCCCAACGACGCGTACGCGCGCCGGGCT
ACGGCAATTTCCGCCATAGGCAGCGTGCTTATCGACGTCCCCCTCCAAGGCGAACGCATC
TCTGAATCCACTGCATACGACGGCCAAATCAACGCCGACTGGAACGCAGAGTCACCGGC
ACCGATGTGAACATCGCACGCGACATCATCTCCCGGCTCGCAGCGGTGCCAGACGTTCAA
GTGACGCGCCCGTTGTGGTCTTTGAGTGACAGTTTGGCTGCGAGAGGCTGCTGTGGAGGCA
TTGCAAGGTGCTGCCGACACTGCGCGGAACACCGCGACCGCCATCGCAGAAATCCCTCGGC
GGGCAGCTAGGTGCACTTCTCTACGCAACAACCGACACCCACAGCTCCACACCGATACCA
GCACGCGCAGAAATGATGGCAGCAAAAGCCTCCATACCACCGCGCACACTCGACCTAGAA
CTCGCCCCCTCTGACATCGAAGTCACCAAAGAAATCGCCGTGACCTTTGAATTCCTTGCA
GGC

>naRXA01336-downstream
TAAACGCGATTTGGTATTTTCGG

>naRXA01337-upstream

GCTGGCTATCCTCAATTCGCTCGGGTTCGCACTGCCACGCGGAGCGATTAGTGATTTGA
TACGCAAGAAAAAGTTTCTTAGCAGGGTAACCTAAATGTC

>naRXA01337

GTGACATTTTCGAGGCGAAACACTGGCGCAAAGCACGCGGTGCTTGTGGTTCTGGCCCC
AATGGGTTGACCACGGCGGCGGTGCTGGCCAAAGCAGGTTGGCAAGTAGATGTGTATGAG
GCGGCGCAACCCCTGGAGGGGCGGCGCGCTCAGAAAGCGTTCTGGGGGAGGGGACTATC
AGCGATTTGGGTGCCGAGGGCATCCTTTCCGGGTGGCAAGCCCAGCTTTTCACTATTTG
GGTCTGGAAGATCACGGCCTGGAATGGGCGTATTCTCCCTTTGCGATGGCCACCCGTTA
GATTATGGCAGGGCCGACTGCTGGAACGTCACCTCCAGAGACCGCCAAAAAGCTTGA
CCTGATGCACGTCGTTGGAAGAATTTGCACCAGGGCTTAACCAAAAACATTGATAAACAC
TTGGCCAATCTATTAGGGCCGGTGTGAAATGGCCAGCACATCCGATTCGGATGGCAAG
TTTGGCCCATTTGCGTTGCTGCCCCGGAACGCTAGCCAGTGCCGCTTTTGAACAGAA
GAAGCCCGATCCCTGTTTATCGGTTCCGGCGATGCACTCGGTGACTCCACCACACAAGCCG
ATGACCGCATCACTTGGATTGCTTTTGGCGCTCTGGGGATGTGCGGAGGATGGCCGGTT
GCAGTTGGGGGAAGCGGACGGATCGTCGATGCTCTGGTCAATGTATATAACCATCACGGT

GGCACCATTCACTGCGATTACAGATTGATTCCCTCTCACAATTCCGCGACACCGATGCC
ATTATTCTGAACCAAACCCCTCACAGGTGCTGAACTCAAAGGAAGTACCTTAATGCA
GGGCTTCCGCAACGCATGAGCACCTGGAAACACGACCAAGTTCTACAAAGTGGACTAC
CTCCTTGACGAACCAATTCCCTGGAGCAATCCCCAGGTAGGCCAGGCCACAACCGTCCAT
GTGGGCGGAAGCTCTGAGGAAATCGCTTTCGCGAGAAGCAGAAGTCGAGCGGGGCGGATG
CCCGAACGCGCGTTTATCATTTTGTGCCAACAAAGTGGCGGATCCTTACGCGCGCCG
GAGGGGCGCCACGTGCTGTGGGCCTACGCGCATGTGCCGCGGGGTTTCGTGATAAGCGA
GCTGCTTTATTAATCACTGCGCAGATTGAACGCTTCGCCCCGGTTTCCGTGATCGCATC
GTGCATTAGTGGATACCAACGCGGAGGATTTAGAGGCGTGGAACCCCAATCTTGTGGC
GGAGACATCACCGCAGGGTCCGCGCTGCTTCGGCGAATGCCGACCAAATCGGCGAGAAA
ACGTACATGGCATCCGCTCCAACGCGCGGGGCGGGGAGTCCACGGAATGCCCGCTGG
TGGGCAGCGCAAGCCGTTTTAGCAGATCACAG

>naRXA01337-downstream
TAGAATTGCGACATGGAGCCCCAC

>naRXA01342-upstream
GATGAGTATTCTCTCCGAGGCAACGAAGTTAATATGTCCATGAGGGCGAAGTTGTAGACA
ATATTTGGCCCATATGGATAATTGACAGGAGTTTAACGCC

>naRXA01342
ATGGAACCCCAACCAAGACATGGATGTCCGCTGGTTATACACCCAAAGCCAGCTCAAA
CTCCGCGAAATTTCTCCCAACAAACAAACCTTCGATGTCATCCAAATCAGCGAACTCGTT
GACCCACCGACTTCATCAGGCCCAACAGCGTGGTCTTATCCGTTGGCATCGCCTTCGCA
GAAACGCCCCGACGGGCTTCGCGATTGGGCACACCGACTCGCCGACGAGGGGTTCATCGCG
ATCGGGTTCGGCTCCGGCTCACCTTCCCACAGGTTCCGCGAGGCGCTTATCGACGCTCC
CTCCACCTTGGCTCGGCTCTTTGAAGTCCCCCGTGAATTTCCATTTATCTCGATCACC
TCCAGCGTGCGTGATGAGCAAACCCGCCGTGCCGCGCGCTGCAACAAGAACTCCTCCTG
GAACAGGAACGGCTTAACCTCCATCGCCATCTCCGGTGGCATCGAAGCCCTGTGCCGTGCT
GCCGCGACTATTTGGGTGGTGCAGTAACCATCGTGACAGCGACGGCCGCGTGGCTTGC
TCTATTACCACCGATGACCTAGACGCACTCCCCAAGCTGTCTCGCGCTGAACGGATCC
AGTCAAGCACTACGGATGCCACCAACTTTGGATTATCCACCGCATGACCCGCTACGGC
GACCGCCACCACGTGCTCTCAGTCCTTATGCCCAACCGCCCCACAGACCAACACCGCGCG
CTGATCAGACACTGCGCAGGCCTTGCCGATATTTTGCTCCAACGCCCCGAAGCCATGCGC
GACCGAGAAATCGAAGTGCATCACTTGCCATGTCACTACTTCTGGGTGGAAGCGACGAC
CTGGCCACCATTCACCGCGTGTTCGCTGACATCACTGATGCTTCCGGAATATCCGCCCC
ATCCTCATCACCGGCAACACACCCCAATCAGTACGAAAAGCACTCTCCAGTGTGCCACC
GCACTGTACAAACAGGAACGAGCACTAGCTCATCTACGCTCGCCGAATCCACCGAACTC
CTCTTCCTTCGCGGAAGCCGACGCTGCACAACATCGTGCAACTTTTTGGTACTGCCGCA
AGCGGAGTTCGCTCTGCATTGGTCTGCCCACCGAGCGGAAAACATCGATAAGAACTC
ATCCGCGAACTCACTGCCACCGCAAAAACCTTACAACCTTGAACCCACGCGCAACCCCGT
GACGGCACCTTGCTGTGGCTCCAAAACCCCGAGCTGCGCAAAATCCTTAAGATCCGATCC
CGCGACACCTACGACCGTCTCCTCGACCACGACCGCACCAACAACACCGAGCTCGCCCCC
ACCTTGGTGTCTTTTACTCAGCACAGCGGACATATAGGCGACACCGCCAAAGAACTGGGC
ATCCACCGCCACACCGTGCACACCGCATGATCCGATTGAAGAGATCTGCGAAATCGAC
CTCAATGATCCACTGACCAGAGCGGAGCTGCTCTTAGTGATCGCAACGAAGGAGGAGAC
GTCGAAAAGCAA

>naRXA01342-downstream
TAAAAAGACCCCATGCAAAGCAT

>naRXA01348-upstream
ATGGGACAATGAGCACGTGACTCTACGATCTGCATTACTTGCGCTACTAAGTTCCGGACC
ATTGACTGGGTATGACGCTCCAGCGATTTGGGGCCTCG

>naRXA01348
GTGGGCTTTGTGTGGAGTGGTTCCGATTTCGAGATTTATCCCGAACTTCGAAAAATGGAA

GCCGAAGAACTCCTCGTGGGATCCGATGTTCCCTGGGGCTCCAAAGGCGCCACCAAAACC
GAATACGCCTTGAGTGAAAAAGGCTGGGAAGCGCTAAGAAAAGCGTGGTACGAGCCAGTA
ACCTACGGTCCCACCAGAGATCCTGCCAGGCTTAAAGCCGCCTATTTTGAGGTCGGTACA
AATGGCGATGCACGCCGACATTTAAGGGCGCACATCGCTCATTGTAACAGCAGAAAAATT
CAATCAGAATCAATGATTGATGAGCTGAAAGCAAAAACTCATCCAACCTTGGCACGGCGA
CTTGAGCGCTCCCCGAAAAAGGAGCACGAGCGAATAGTCGCGTTTAAAGTGCTTGCCAT
GAGGGGCGAGATTGCACGCGCTCAGGCAGAGATTGAATGGGEGGAAAAGGGGTTGAAACTA
CTCGATACCCTT

>naRXA01348-downstream
TAGTTTTCGAACACGTCCGTATC

>naRXA01349-upstream
AGTTGTCAGCTGGGATTTGCCGATGGTGTATCTTTGATATTTACCTTAACCCCGTTTCT
AATTCACGTTTTCTCGTTACCCGAAAGGAATTGATCGATT

>naRXA01349
ATGGCGACATCACGTCGAGATGCCGAAAACATAGACCAGGCCGGTAGCGAATTCATTGAA
TCTGATTACAGGACACACCGCAACCCCTGAAGAGGTAGTAGCCACCGCTCTGACATTTTTT
GCAGAGGATGGTTTTAGCGAAACCAATTGGAGAAAATCGCGAAGGCATCTGGCATGTCC
AAGCGCATGATCCACTATCACTTTGGCGATAAGAAAGGCCTGTACATCAAGGCTGTTTCC
TACGCGTTGCGATTGCTGCGCCCAGAGGCTGAAGCGATGCAACTTGATTCCGCGGTACCA
GTTGATGGTGTCCGCAAAATCGTCGAGGCTTATATACCTGCATCACCAAGCACCCAGAA
GCAGTGCGCCTGCTATTGATGGAAAACCTGCATAGCCAAGACAGCGTGGATTCCACCGCG
GCATATTCCGATGAATCCAATGTGCTGCTCAACCTGGATAAGCTGCTCATGCTTGGCCAG
GATGCCGGCGCCTTCCGTCCTGGAATCTCCGCAGAAGACGTAAGTGGTTCTTATTAGCTCC
CTGGCCTACTTCCGCGTATCCAACAAGGTCACGTTGAAGAACCTCTACTCCCTTGATTG
GAATCAGAGGCCAATATTGAAGGCATGAAGCGCATCGTCGTTGACACGGTGCTGGCATTC
TTGACCTCAAATATTCAAATTTCTGGCAACTCCAGCTACCTGGTTGTTGGTGGCAAGACT
GCAGAACCAGAACTGATGACAGCGTCTACAGCTTTGATACGGACGTGTTTCGAAAAAC

>naRXA01349-downstream
TAAAGGGTATCGAGTAGTTTCAA

>naRXA01357-upstream
ACGGCGCAAGTCCCGAGCACAGATATAGTTATGCAAATGTGGCCAAGGCACACCAAGAAT
GGCTACACGCTGCAGATAATGACACGACGGAAGGTGGAGC

>naRXA01357
ATGAGCGCTGAAGAACTCGACAACCTACGAAGCAGAGGTTGAACTCTCTCTTTACCGCGAA
TACCGCGACGTAGTCAGCCAGTTTTCTATGTTGTAGAACTGAACGTCGCTTCTACTTA
GCAAATGCAGTGCAGCTTATTCCACACAACAGCGGAAACGATGTCTACTACGAAGTCCGC
ATGTCTGACGCTGGGTATGGGACATGTACCGCTCAGCACGCTTCGTTGCTACGTCCGA
GTGATCACCTACAAGGACGTCAACATCGAAGAAATTAGATAAGCCTGACATCATCATGCCT
GAG

>naRXA01357-downstream
TAGTTCTTAGGTTTAAATCGCT

>naRXA01359-upstream
GTTGGACCTTGTGCGATTTGGATGGGGAACAGCAGCCCAATCTTGACCATATTGCGCGAG
CCATGGAGCTTCGGGGCACTACATACAGTGAGGTAGCAGC

>naRXA01359
ATGATTGACTCCCGCTTGTGGCATGGGCGTATCTCTCAAAAGTGGTGGAGGGTCCCAAT
GCACACCTGCAAAAGCTCCTGAAAGAAGGTCATGATGTAGAGCGGATCGCATTTGGTATT
AAACACCGCGAAGAGTGGATTGGCGAAGGTCTGCTGAAAAACACCGATTCCCGGTACTCG

ATTGATACCGCGCAAACCTGATCTGGAACTATCGCCAACTCGGTGGGCGGCTCATCACA
 CCTGAAGACGACGAATGGCCGATGGAAGAATTAGACCATGCTTTTGGATTGCGCGTTCT
 GGCATGAGTGATCATGTGCGTACCTATCAAGATGATGCGCTGCCACCGCATGCGTTGTGG
 ATTAGGGGAGGAAATCTCAGAACTCAGTGACAGTCCGTCACTCGTGGGCACCAGG
 GCAATAAGCCAAATATGGCAGGAAGTAACCTCGGAATTCACCCAAAACCTTGTGTCTCAT
 CAGTGGACAATCATCTCAGGTGGTGCCTTGGGAGTTGATAGCGTCGCCCATAGTGAAGCC
 GTACGTGCACAAGGCTCCACCATCGCGATCGCAGCATGCGGATTGGATCGCTCGTACCCC
 AGCCACAATCGAGATCTGTTCAACCAGATTGCCAAATCCGGAAAGGGGGCGTTGGTGAGT
 GAATATCCACCGGGAACCTCCACCTCAACGCCACCGCTTTCTCACTCGCAATCGTCTCGTT
 GCTGCTCTATCTCAAGGAACCTGTCTGTGGTGGAGGCAGCCTGGAGGTGAGGCGCGCTAAAC
 ACTTTGAGCTGGTGTCTGGTTTAGGCAGGATTGCTATGGCGGTCCCTGGGCCGGTAAAT
 ACTGCTGGATCACTTGGGTGCCACGAAAGGATTGCAACGGCAGCGCACAAATGGTCACC
 AGTGGCGATGACGTTTCGGTCACTTCTGGGTGAGTGGGTGCAATGGATAGCCAAACTCAG
 TATGAATTAACCTTCGCGGCCACTCCAGTACAGGGTTTAACCAGAAATGAGCTGCGAGTT
 TTTGATGCGTTAGACGACCGAGGAGGGGAGGGAAGCGGCGAGTATCGCTACCGAAGCC
 GGGTTGACCTTGCACTTAACAATTTTCCTTCTCATTGCATTGAACAAGCGCGGAATCGTG
 AAACGCGACGGAACCTGCTTGGTCGAGAAATGCGGAAATGCCA

>naRXA01359-downstream
 TAAAACCTGGGGTTATATAAAA

>naRXA01362
 ATTAATGAGTTGATTCTTTTTGACGTACACGACTTGGTTAAATATGGCGTACATGTCTAT
 GGCGCTCCGCAGGAATCTATTAACCTTTTAAAGTGCTGCGTCGCTTTATACCCACAAACA
 GTGCTTGATTCACTTGTATCATGACGGTTCAGGTAATCTCCCTGGTCTTAAAGACGACAAT
 GGCAACTGGGACCGTCGCCACACAAGGACCGTATCCAACCTGGTCAATGCCGATACTTTG
 ACGGTGTGGAAGTCCATCCTGGAGGATGAACAAACGCCATACTTGGATACCCGCATGGTT
 TATACCGTCAACACGGAAGCAGCAGCAGCGTTGGAAAAGTTGGCTTCTGCACCTCGTATC
 AAAGAACTCGGGCTGCAGTTCTCCAGTGGCTGGAATGAAACCACCGATAAGAAAAAGGGA
 TACTTTGACGTTGGTTGGGGCTACCCAGCTTCCTGGTCTGATGCCATTTTGAGGGGGCCG
 CACCTGGGTGTGCTACACCAATGATCAAGCAGCCCAATCCGACAATGAAGCATAATCAA
 GATTGGTCTGAAATTGATTTTCGAGGCCATTCTGCAAACTTCATACCTGCAACGGCGTAC
 CAGCCCGATCGCCAAACAAAGCCCACTTATGATGCTGACTACGGCACCTGGACTTTTCGGG
 GACAAGCAGGTACAGTTGCAGACACTTCCGAATTGCATGGAGGGAGATGGCTGCCACC
 ACGGGATTTAGGACTGTCTACCCATCAGTAATTCACCGGGAGCCAACCATGTGCACACA
 GTTAATAGCGTGCATCACGTTCAAACCTAAAACCATTTCTCGTTGGAGCACAGCTTGGT
 GCAATTCTAAGTGACTATTTTGTCTCGGTCCCTCGGGTTCAAGCCACATATTTAACGACATT
 GTTCGCAAGATTCCACTTCCAAATTTACATCCTTGGAAAAGCAGTTCCGCCGCACATAC
 CTCGCCCTCAACTGCCTGACCTCAGCTTATGCCCCATTGTGGGAAGAGATCACCGGTGAG
 CCGTGGGATGTTTCAGGTGCCTTTGCGCAATGCCGAGCAACGTCGAGCAGCGCAAAACGAT
 ATTGATGCCATGGTGGCATTGTCTTTGGGTATTAGTGCTGATGAGCTGTGCATGATTTAT
 CGCACTCAATTCCCACTGATGCGTAGATATGATCAAGAAGATCATTTTGTATGCCAATGGC
 CGTAAAGTTCTTAAAGAGATCATCAAGCTGCAGCAGAACTTAAAGATGGCCAAGAGCTC
 AGCGTGGAAAAGCGCACCTGGGTGCATCCCCAATCAGAAGTGTCTTATACCTTTGAATAT
 CCTTTCCGGGTGTTGGATCGTGAAGCTGATCTGCGTGCTGCATATGCAAAATTTGAAAAC
 CAGCTTAAGGAGCCA

>naRXA01362-downstream
 TAGAGCGCTTATGTCCTCACTCA

>naRXA01364
 ACGGGCACCCACCTTTATGATTCCCTGCAGCTGCTGTTCACTCTGGTGGATAAAGGCCAC
 CACCCAACAGATGCTAAGGCTGTAGCTTTTGTATGCCGAGGCTGGAGAAGAAGCCCTGCAC
 TTCCGCAACCTTTAGCGGATCTCTTCCTCCCTGCAGCCACAGAATTTATGATCGAGTT
 GGTCTTTCCAATGAAGCCCTAAACAAGGTCTTGGAAAACCTCCTGCTCTCCCGGGTGCAA
 TCCGGTAAAGACCGGGCTTTATCTCCTATGCCACCTTGGGTGTTACCGAGCTTGGCCAA
 GTTTATGAGGGTCTGATGTCTTATACCGGCTTTATCGCCCAGGAAGATCTTTTGTAGGTT
 GCACCACATGGCAAAGCCGATAAAGGTTCTGGATGCTCCCGGTCTCAAAGGCTGATGAA
 GTCCCTGCCGATAGCTTTATCGAAGTTGATCAAGAAGCCCCTGGTGGCGGCGTAATCAAG

GTGCGTAAACGCCACCCGCGCGGATCATTTGTGTTCCGTCAAGTCTCTCGTGACCGCGAA
CGCTCAGCGTCCTTCTACACCCCAAGTACTCACCAGCTTTACTGTCAACCCAGGCTATT
GAAGAACTCCAGGCATCAAAGCGCATCACCACAGCCAATGATGTTCTCAGCCTCACCATC
TGTGAACCTGCCATGGGTTCGGGCGCCTTCGCTGTGGAAGCAGTACGCCAATTAGCAGAG
CTTTATTTGGAATTGCGCCAAGAAGAACTAGAGCAGCAGATTCCAGCGGAAGACCGTGCC
AAGGAACTCCAAAAGGTCAAAGCGCACATTGCGCTGCACCAGGTTTATGGTGTGGACCTT
AACAGCACTGCTGTGGAGTTGGCGGAAATCTCGCTGTGGCTAGACACCATGAATGCAGAA
ATGGACGCACCTTGGTATGGCCTGCACCTGCGTAATGGTAACTCCCTCGTTGGTGCCACC
CGTTCGCTGTATGCACCTAGTCTGCTTAATAAAAAAGCCTGGTAACTGCTACTCCAACC
CGCTATCGGCTTGATGATATCGCGCAGGCTATTGATGAAAACAAAGCAGAACCCCTCTTC
AACCACGGCATCCACCACTTCCTCTTGCCCTCTACTGGCTGGGGAGCCACTGCAGATGCC
AAAGATCTTAAAGATCTTATGGCTACTGAAATCAAGGAGCTTAAATCTTGGCGTACTTCC
ATCCGTGCGTCTTTGAGTAAAACTCAGATTAAGCAGCTCAATAACCTTGCCCTACGCGTG
GAAACACTATGGCGATTTGTGCTGATGCGTATTGCGATTGCAGAATCCCAGATCTCAGCT
AGCACTACTCTCTGGGGTCAAGAGCCAGCTGAGGTTTCGGAGGTTGTCACACGTGAGCAA
ATTGAACAAGACCTCTTTGGCAATATTGATGGTGCATATAACCGTCTACGCTTGGTGATG
GATGCTTGGTGTGCGCTGTGGTCTTGGCCTTTGGATGCTGTTGCTACCGCTGAGCATCCG
GAGCGTCCAGCCCTTCCAGATCTTGATGAGTGGCTAGCCACCCTGACGGAGATTCTGGGT
ATTGATCTCCCTCTGAAGTCCAAAACGAAAAATCAGATTGTCTTAGGTCCAGATACCAAT
TGGCTAGCCATTAATGATGCCGAGGCTACTGATCTTGGTTTTCTGGGGCATTGAGCTTT
GAGCGTGTTAGCGGAATCACCCGTGGATCAATGTTGCCCGCCAAGTGGCTAAACAACAG
AGCTTCTTCCACTGGGATCTAGACTTCGCCACGTTTTTGCCAAGGGTGGATTTGATCTG
CAGGTTGGTAATCCACCATGGGTGCGACCAGATGTGAACCTTGAGGATCTGCTTGCTGAA
CATGAT

>naRXA01366-upstream

ATGCATGAAAACAAATTCTATGTGTGTTGAGCTGCCAAAAGGGGTGGCGCGCCGATGAT
GACTGTCCAAACCTAAACCAAAGGTCTAAACTTTGGCTTC

>naRXA01366

GTGAGTCAGTTTCGTCGTTGTTCCCGCCCTGGTTGTGGCAAGCCTGCCGTGCAACCCCTC
ACCTACGCATATTCGGATTCCACTGCGGTGGTTGGTCCTTTGGCGCCTGCAGCAGAGCCC
CATAGTTGGGATCTGTGTGAGCATCATGCCGAGCGTATTACTGCGCCCCCTGGTTGGGAG
ATGCTGCGGGTGAACGACATCAAAGTCGATGACGATGAGGATCTGACGGCTCTTGCTCAG
GCTGTTCGTGAGGCTGGACGCACTGTGAGTGGTCTGGTTCTGAAGACGAAGTGGGCGGC
AACCATCCGGTGAACCGGAGTGCGCGGATCGCGGAACAGAAGGTTACCGCAGGGGTCT
CTCTATGTTGTGCTGATCAGGACGAATCA

>naRXA01366-downstream

TAAGGTTTGCTATTTCGGATTGGA

>naRXA01367-upstream

CGCGCCAACCCCTTTTGGCAGCTCAACACACATAGAATTTGTTTTTCATGCATACGAGAAC
TTTCCGCAATCGGCACGGACGCGGTCTCCGCGGCCACTC

>naRXA01367

ATGCCCCTCGAAGTTCCCCGCCACGCTCTAGACGCCAAGCCTTCGACCGCGCAGTCTTA
GAGGCTACTCCCTCTTTACGGGATTTACCAAAAAGAGCTCAGCAATCTAGACATCGCT
GTCGATACCGTTCTCGCATGCGACTCAGCGCCGACCTTGCCATTCTCCCGATGAAATC
ACCGCCGACGGCCCCGTTCACCTGGTTCGCGTCATCCCACCGCGATCGATACCAAGGGA
AACCCACGAGAGCGCGCATCGTTATTTTCAAGATGCCGATCGAGCAACGAGTCACCAAC
GCTGTGGAACGCCACGAGCTATTGACTCATGTTCTACCTCTTTGGTGGCGAACTATCTG
AATATTGATCCACGAGACATCGATCCGGGATTCCAGGATCTC

>naRXA01367-downstream

TAGCGTGGCCGGTGCACCATGGG

>naRXA01370-upstream

CTGTCTGAATCGTGTGGGCGTTAGATGAATTGTTATAAACCGGATGTTTAACGGAATTTA
ATACGTGTCTTATTACGCGGACTAGAAAGGTTTTAGGGAC

>naRXA01370

ATGGGTGCATGGGACGATGCAATCTTGACTGAGGAAGTCAACGTTGATTTTCTCGACGAG
ATCTCAGAATTAGATACTCAAGACATTCTTGAGGCGTTGGAAGACGCATGTTTGCTGGTG
GTTAACCAGGACAACGCCACTGAAGACGAACCTCAACGGTCAGGCGGCTGCGACGATC
GCGGCCATCATGTTTGGCGCTCCATATTCTGCGGGCCAGGTGCTGGAGAATTACCCATTT
ATCCGCGAATCGTTCGGTGAGGGCTCTGAAGCTCTTCGCGGTGCTGCAGCGCAGGTTTTG
GAAGAGGCAGATGTGGAATATGACCTCGAAGCTTATTTAGAGGCCCTCAAC

>naRXA01370-downstream
TAGCCCTCCACTAAACAGCTTCA

>naRXA01372

CAGGACACCTTCGTCCTTCCACCTTGCCACGGCCGACGGCTTGTGCGCTGCCCGCATC
GTGGCGTCGATAAGCACTCTTTTAGATCTTTTAGAAGCAGACCCAGCATTATTTCCGAC
CGCTTGGAACCTCGCCGACTGCATTGATGAGGAAGTGAATCGCTATCGCCGGAACGT
GACGAAGTAGTCAATCCCGGCCGAAACTGCGCGCATACGTAGATCACGCACGGATCGTG
CATACCGGCCGAACTGATGTGGGACTCGCGATTGCCAACGTTATCGCCCCAATCTGGACC
CGACGAGGCCCTGGTATCAGCCGTGCTGGATTTTCCCGAGCTCATGGAATCATTGCCGGAA
CTCCGCGGACCCGAGCCAATTACCGACGATATATCCATGACCCATTATAGATGACGAA
CCCGGGGTGGTACCGTTTAGGGCTGTTGTCTGGGCGGAAGAGGAACCCGGAATCCCCGAT
GCCATGGCGCAAGCTGCGACGACCTAGCAAAGGGGCGCTGACACAAGCACTGCGTTTG
CTGGTGCGGGACAGTCAGCCACGACCTATTCCATTGAAGAAAAGGACTTG

>naRXA01372-downstream
TAAATGGAGCTATTGGAAGGCTC

>naRXA01378

CATGTGTGGATTTCACCAGGTGCGAGCAATCCGATCAAGGATCGCCTCTTCCCTTGGACA
TTGGTGAAGGCTTTTCTCTCCTCCCCTGCAGCCTTGGGCGAAACAGTGTCCAATCGCCTC
AAAAAGGCCTCTGCACCAGAAGAAAAACGCGCCCTAGAAACCCTTTCACAACTAATTCT
GCGATCACCCCGCAGACCTCACAGAAGTACCAATCTCTACTGAGCTACCTCGGTGACATC
GGAGTGAAGAAGAACTCCGATACCCGCGTGGTGATTTTCTCTGAGCGTGTGCTACTTTG
CACTGGCTGCAGGAAAACCTCATCCGTGATCTCAAGATGCCACCCAACCTCTATTGCTGTT
ATGCACGGCGGTCTCCCCGACCAGGAGCAAATGCGCCTGGTGGATGAGTTTAAAAAGACG
GATTCTCCCATCCGCATCATGATCACCGGCGATGTTGCCTCAGAAGGTGTGAACCTGCAT
ACTCTCTGCCACAACTTGGTGCATATGACATCCCGTGGTCACTGATCCGCATTCAGCAG
CGCAATGGCCGTATTGATCGTTATGGTCAAACCCACAACCCTTCCATCGTTACCTTCTTG
CTCGATCCCGCCGAGGATTCCAAAGTAGGTGAAGTCCATGTGCTGGAGAGGCTCATGGAG
CGCGAACATGAGGCGCACTCTTTGCTCGGTGATGCCGCATCTCTCATGGGCAAGCACTCT
GAGCGTTTGAAGAAGAAACCATCCGCGAAGTCTGCGCGGTGCCCAAACTTTAATGAT
GCAGTGGCTGATCCAGCGGAAGTCTAGAAAACCCAGCAGGCCTAGATGATATTGATTGG
TTGCTAGCCCAAAATCGCCCAAGCCGATGCCAAGGCAGAAACAGAAGCAGAAGCAGAAACA
GAAAACCAACAGCACCAGATGCAGCTTCCAATAGCACGCAGCATGCACAACGCCGGTTG
TATGCACAGGAAAGCTCTTTCCTCTATGACTGCCTCCTCGAAGGTTTCAATAACGTACCG
GAGGATTCCATCAACCGCGGTGGCGTGGGGTTCAAAAACACGATAATGACATCGTGGAG
CTCACCCCCACCGATGATCTGCGCCGTCGTCTAGATTTCTCCCGCAGGATTATGTGGCT
GCTCGGAAAGTTAAGGAAGATCTCCTACTAGCTTCCCACTGATGCGTGGCCAAGAACGC
CTCAACGCTGCGCGCACTGGTGAAGATGGCAGTACCTGGCCAAGTGCCCACTATCTAGGC
CCCCTGCACCCAGTCACT

>naRXA01379

CTAAATGTTGAAGAGTGGATCAGTGACCACTACCTACCAATGACGATGCCAAAGGTGCC
TCATTTTCCAAGCGGGTGGCGGAGCGCATTAAAGAATGGAAAACACGAGGACGCAAC
CAGCAGAGTGGCCCTTTAACTCGTTTTTCCAGCAACCGCCTGCAGTTGCAGCATGCTCTT
TCTGAGCTTGACGACGCCACCACCGCCGCCAGTTTAGTGGCCTCTGCACTGGGGTATGGT

GTCCCCAGCGCGGCCACGCGCAGCGCGGCTCCGACACAATATCCTATTCTCTTGGGTG
GGAAATGCCCGCAGTGTGGAATTTCTTGACGCGACTCCCGCTGAAAGCTTTGAAGAGAAC
TTCCGATCCCTTCCCCTTGAGCCAGTAGCGGTCAATGACAAGCCCCAGGATATCACCGCA
GCCAAATTGGTGGGCCAGATTTTCCTTAGTGATACTCCCCCTGCTTTTGTGTATCACC
GCTGGTAAATGGGTGGTTTTAGCCGAGCGTGAAACCTGGCCTTAGGCCGCCACCTAGCT
ATTGATATTTCCCTGGTGGTGAACGTAATGACACCAAAGCCCAGGGTGAGATGCAGCAG
ACGGTCGTAGCACTAGCCCCGCGAAAATACCGAGCGTGCCGCCGATGGCACCCACCTGGTGG
GAAGAAACCATTGAGCAATCCCGCGAACATGCTGTCAAGGTTTCTGGCGAGCTACGCAGT
GCGGTGCGTGAATCCATTGAAATCCTGGGCAATGACGTGCTCACACGCTATGAAGCTAAA
GAGCTCTCCACCGCTGAGATCGACGGTGGCGAGCTAGCTAAGCAATCTTTGCGCTATCTC
TACCGCATTTTGTTCCTGCTTTTTGCCGAGGCTTCACCAGAGCTTGAATCCTGCCAACC
GGCACCCCGGAATATGACGAG

>naRXA01380

TCGCTGATTTTGGGATGCGACACCAAGGCTCGCCTGGAGGATCTGTACCTGCCGTTCAAA
AAACGGCGCAAGACGAAGGCCGATATCGCTAGGGAGGCGGGCCTGGAGGGGCTCGTCGAT
AAGCTTATCGACGCCCCGTCCCTCGACGCCGAGCGCAGGCAGCTGCATTTACGACTGAG
GGCTTTGAGGATTCAAAAAAGTTTTGGATGGCGCTCGCGCCATTTTGATTGACCGCTTC
GCGCTCGATGCCGATTTGGTGGGCGAGGTGCGTGAGCAAATGTATCGCGCGGGTTCCATG
GCGGCATCGTGGTGGCGGGCAAGGAGCAGGAAGGCGCAAAGTTCAAGGACTACTTTGAG
TTTTCCGAACCTTTTGACAAGCTTCCATCTCACCGAATTTTGGCGCTGCTGCGCGGTGAA
AACGAAGGTGTGCTGAGCCTCAACCTCGATGCGGGCGACGACATAATCTACGAAGGTTTG
ATCGCCGACCGATTCTCCCTGGACACCCACACTTCTAGCTGGCTGGCTGAGGCTGTGCGC
TGGGGTTGGCGCACCAAACTGTATGTGTCTCCGGATTGGATGTGCGCATGCGTCTGAAA
GAAAAAGCAGAGGAAGGCGCACTCGATGTGTTGCCACCAACCTCCGCGACGTTCTCCTT
GCAGCTCCCGCTGGTCAGCGCTCCACAATTGGCCTTGACCCGGGATTCCGCAACGGTGTG
AAAGTAGCTGTGCTGGATTCCACCGGTAAGGATGTTGCCACCACGATCGTCTACCCACAC
CAGCCCCAAAACCGCTGGAAGGAAGCCGTATCCGAACCTGGCTAACCTGTGCGCGACCCAC
GGTGTGGAACCTCATGGCGATCGGCAACGGAACCGCCTCGAGGGAAACGGAAAAACTCGCC
GGCGAAGTAGCTGACATGATCAAAGCCGCAAGTGGCACGCGACCAACCCCGTGGTGGTC
TCCGAATCGGGCGCATCCGTGTACTCGGCATCACCGATCGCAGCCGAAGAATCCCCGAC
ATGGACGTCTCCCTCCGCGGTGCAGTTTCTATCGCGAGGCGACTCCAGGATCCACTGGCG
GAGCTCGTCAAGATTGAGCCCAAAGCCATCGGAGTCGGCCAGTACCAACACGATGTCAAC
CAGGTTGCACTTGCCAAAACCTTGATGGTGTGTCGAAGACGCAGTAAACGCAGTCGGA
GTTAACCTCAACACCGCATCCGCACCACTTCTTACCCGAGTTGCCGGAGTGACCTCCACC
TTGGCAAACAATATCGTGGCCTACCGCAACGAAAACGGTGGATTCTCCTCCGAAAAGAA
CTGAACAAAGTTCTCGCCTGGGACCCAAAGCCTTTGAACAGTGTGCTGGCTTCTCCGC
ATTTCTGGATCCACCGACCCCTCTCGACGCCTCCGCTGTTTACCCCGAGGCGTACCCAGTT
GTTTCGAACATTGCGAAAGCCACAGGATTGGATGTCTCGGGACTGATCGGAAACTCTGCG
GTGCTACCAAATTAAGCCCGCTGATTTCGCTGATGAACGATTTCGGCATCCCCACCGTC
ACCCACATCATCGCCGAGCTGGATAAACCCGACGTGACCCCGCCAGAAATCAAAACC
GCCAGCTTCAAAGAAGGCGTGGAGAAAATCTCCGACCTCACACCCGGCATGATCCTGGAA
GGAAGTGTACCAACGTTGCGGCGTTCGGCGCATTCGTTGACGTGGGAGTGACCCGAGAT
GGCCTCGTTCACGTTTCCGCGATGAGCGACAAATTCATCTCCAACCCCCACGAAGTTGTT
CGCTCTGGTGAGTTCGTGAAGGTAAAGGTATGGAAGTTGACGTGACCGCAAACGCATC
GGCCTTTCCCTCCGCTTGACCGATGAACCCGGTGCCCCAGCTCCGCAAAAGCGCGGAAAC
CGACCAGCCAAACAGCAGCGAGCTCCGCAAAAACAGTCCGCTAAGCCCGCCACAGGTTCC
ATGGCAGATGCTTTACGACGCGCCGGCCTCGGTGGC

>naRXA01380-downstream
TAAGGCAACTTTCAAACCAAGCG

>naRXA01383-upstream

CTTCGAAGAAGACGATATCCCCTACGAAGTCGACGTGGATGACTTATTTATCCTCGGTGG
CTTAGACAACCTCATAAATCCCCTTGAGTGATTGAGATA

>naRXA01383

ATGAATCTCCACTCCTTAGAGATTGCGCAAATTTTCATCCGGCACAATTTTCAGAACGAAAA
ACTTGGATCTTTCCCACTGCTGCTCGCTCATTCAAATCAAAATCTAGTACACCCGCAAAGC

ATTGAAATCGATGCACAAACCGGCGTTATTTTGGCTATGGAAAACCGACTACAACGTACC
GAAGTTGAATCAGTAGAGTACCCAACGGATCTTCTAATCCTGCATGGACAGGTCCAGCC
ATTTCTTGGCCACTAAAAGACCCATCAATCGATTTCCTTGACCCGCTCCCCACAGCATT
TCCGAATTACCACCTCAATCCGATAATCCTCGGCATTTCGAGATATCCATCAGCTTAGAT
GCAGTGGAAAGTGCTTTTCCGCGCTACCGGATCGGAGATTCAATACGTATTCCGCTTGTC
TTTGCCCGGGACACGCCCTTCATGTCCGGCTTAGAAACAACACGTTCGCGCCTGGATTGAG
GCGGCCACGGAAATGGACATCCATAACACATGGCCCATATCCTCACCGGTGACGGCTGG
ACTGCACTCTCTCATTCAGACAAACCAATACGCCACGAAGCCGAGTTAAAGGGATGGTTT
TTCCACAGTTTGTTCGGCAGTGAAATGCCCTTGACTGATCTGAAGATTGAACGAATCTAC
GGAGGCCTGGGTACTTTTCGACAGCGGAGCCACCCGGTGGAAGAACTCACAGACAGAT
GATGCCTACACAGAAAATGGCAGCTGGCTGTTGGAAGTTATCGTCGATGCCACCTTGAC
GGTGCAATTCCACCACCACTTCAGCCACAACAGTTTGAAGCATCCATCACTCACATCGTC
GATGAGCAACTATGGGTCTTGGGCAGATGCTTCCAGTTCTACGATGCTGGGATCTTGAA
ACCGGAAAATACCTGGGGCAAACCTATGTACCTATTTTCGGTTTCTCATAGTTCTCGGCTT
CAGTTTTTCGGAAGGGTTGATTACGATTATGAAAATGCCTGGTCGCTGAATCCTGGGGTG
CGCATGCTTTCGGGAGCCACAGCCGTGGATAGAGCCTGTCAATTGAACTCGACGTTCCAGCG
CCATGGGAATTACAAGAAAGCTTCCCCGATGGGCTTACTTCCTAACTGATGGCAAGCAA
ACA

>naRXA01384-upstream

ACTGTCCCTCACTCTGCGAGCAGCCATTGCGCTATCGGCAGCTACCTGCAAGGTGCGCTG
GTGGGAAGCGTCGACAAGCATCTTTAAGTAGCGTTGATGT

>naRXA01384

ATGCGCTCACTTCAATCGGTCTTGGACCTGCTGACTTCTAAGTCCAAAGTGGCTACCAAA
ATTGTGGTGGAAACGAATTGAAAAGCATCCTGTTTCATGGATTGGGATGGATGATGTATCCG
CCATTTTCATCCATGGACTGATGCTTCGACCTTGACGATTGAGCGAAACGGAACCACTCGG
CGCGCGAGTCAGAAATGGCGTTGCGGTTCTTCATCAGCATGAGCAAGTTCAAACATCGGT
CTAGCCAGCTATTTTATCGACTCCAAGATTTGGGTAACGAGCTGGCTGGCCTTGATCGT
ATCAACATTTCTGAGAGTGAAGTTGCTGGTCTGACGTATTAGTTCTGCCGTTATCTGAT
CTGACTTTAAGCATCGATGCGAAATACGGCGTGGTTTGGCTGCGGAAGACAGCGATGAA
TCAGTCCGCGCGGTTACCGTGGAGTTCTTGACGAGTGGGTAGATGAAGAAGAACCCCA
CGGAAGAAGTGCCATAAATATACGGAACCAAGGAGGAACCTTCTCCACTTGAGATTCTT
CCGGCTCTTCCGGAATCGTAATCTCCGAGTTCTGTGCACGTGGGGAGCGATGGAAGGA
ATTATTCCTGAGTGGAAACCCGGCGATCAAGTTTCACTGTTTTTGTCTTTTCGACCTCGAC
GATCCGCCGTTTGAACAGCTCAAAACCACTCGTCGCGGGTACACCGAACCTGGCGAGATT
TATGGAAACAGCGCAGCTATAAATTTACGCTGATGGTTGGAACGCTGTTATTTCCGCC
AAAGTGCCACTGCGCACCGAAGAAAACCTCACCGGCTACTTCACCCACAGCTCCTACCGG
GACACGAGCCGCCGACGTCAGCGGTTCATCACCGCAGTCTACCGCCACGGTAAGGACGCA
ATTATCGACAGTGACCTCGACGGTGCGAAACCTCCTAGATATCAAGAATCCTTGGATTGG
AGCAGCACCAGTACCTGTGACGGTGAAACAATCTGGCTGTCCGATAAGAGCTTGCCCTTC
GTCCGCGGTTTCAATGTCTCCACAGGCAAGCTAGTACAGGATCTCCATACCCACCTTC
AATGAGATCGCCCTCGAATCCGGCAATAGAGCCCGCGCAGCGAAAAAACTTTGGGAACTT
CCAGATCTTAAAGAGGCAACCGACCTGTCCAGCGATCCCCGCGGGCTGGAAACTACAC
AAAAGATTTCGGGAAAAACTTCCATATCGTAAGCGCTGACAACGGAACCTGGAAACAAACC
ATCCTTAGGATCAAACCTTCAAAGCAATTGAGCTTGATCTTGATACGCCAAGATTTTCG
ACGATTTACCAATACCGTGAACGAATTTATCTGCGTTCCGATCTTCACAGATCACGTTT
AATCAGGATCTTGAAATCCTCAGTGTAGAGGTCCACGGAATCCCGATGCAGGTTATTTGG
CCACTTTCCGATCTTCCACAGGGGATTCTCCAACGCTGGGATTTCTATCGGATCACTC
ATGATGTTCCAGCAACAAGATATCTACGCTTTCCACGATCCTAAAACAACAAAGCAA
CTAACAACGTGAACCTTGCCCAAAAGGCAGTTTGAAGTGAATATGCTTCTCAGAACAGA
ATTGTTATTTTCGCTGAAAAATCCAGAAAGCCGCTCATTGACAAACTGTTGGTGTGGGAA
CCACAAACAGGTGGCGGGAACAAAACCTGGAGAGC

>naRXA01384-downstream

TGAGCACGGTTTGATTAAACGTCTG

>naRXA01390-upstream

CGTCCAGATAATCAATCTGCGAAGCCAGTGGCTTCCGAAGCTCCAACAACCTATTACGCCG

GCAAGCTCTGGTGCATTAGCATCCGATGCTCCGACGTCTT

>naRXA01390

ATGTTTCAGGCGCAGCCTTCCCAGCAACAAGACATCCTCAGCAAGTTCGCCAGCTCCGCC
GACACAAGTTACTCAGTCAGATTAGGCCGTCTTGAAGAGCCTGGTTACCAGCCAGAACCG
TCTTATTTCGGAGCCTTACACTGACTCTGATTTCGCGCCAGCAGGTGCGGCCGCTGCGGCA
GCTGCAGTAGCTCCACCAATGATTGCGGAACAGCCACAAATTGTTGAAGATGCCCGCCGA
GGTACCCTCGATTTCGGCCTGTTGATTATCCGCGCAGTCATTGGTGTCTATTTGATCGTC
CGTGGAGTCTTTACATTCTTACCCTTGGAGGATCTGCCGGTCTTGCTGGCCTCGAGGCA
GAGTTTCGCTGGTTACCAGTGGCCTGAAATCCTCGCGATCCTGCTTCCATCTATTGAACTT
GCGGCTGGTGTCTTCTGCTCCTTGGTCTGATGACCCAGTGGCAGCAGCGGTAGCCACG
GTGGCGACATCCTTTACCACCTTACCAAGTCAACACTCATGAAGGTGGTTGGGGTGAA
CTTAGTGAGCCATTGATGCTGGCACTGATCCTCACTATCGTGGTTGTCGGACTTCAGTTC
ACCGGCCCCGGCAAGATTTCCCTTGACTCTGGCCGAGGTGGCAAAGCGTCCACTGG

>naRXA01390-downstream

TGAGCTCGTGGATCTTCGTGGTC

>naRXA01391-upstream

ATGGTGTGAAACCATCATGGCTCGATCACAAAAAGAACACCTGCTATCAGGTCAACCAA
AAAAGTTAAAAGTGTAATATCCAGCATCATCACGATTGCC

>naRXA01391

GTGGCTGCAGTCGCTTTTGCAGCTTACGTTATAGATGGTGGGGTAGAAGAGGCGTCTGGA
ACACCGACGTCTTCGGAAGCTCGGTAGCGGCAACTGCTCCAGCGGCATCTAGCGAGACT
GCGGCTGAATACCGTGCGATGCTCGCTTCCCTTGACGTTAAAGGTCGTGCGCCAGGAACA
GGATATGACCGGAATTATTTCGGACCAGCATGGACCGACACTGTTTCCGTGGAATATGGA
CACAATGGCTGCGATACCCGCAACGACATCCTGCAACGCGACCTGGATGACATCCAACCT
CGCGAAGGCACCAAGGATTGTATCGTCACGAGCGGCCTGCTCAGCGATCCATTTTCTGGC
GAACTTATTGATTTCGTTTCGCGGTGAACGTTCCGGCGACGTGCAGATCGATCACCTGGTC
CCATTACATGACGCATGGGTCAAGGGAGCACAGCAGTGGGATGAGCAAACCTCGAAAGAAC
TTTGCCAACGATCCCGACAACCTTCTCGCCGTTAAAGGTACGCTTAACCAGCAAAAGGT
GCAGGCGATGCAGCAACCTGGCTTCCACCAAAACACAGCTTTTAGGTGCGATTACGCAAAG
AAAATCATCACCGTTAAAGATCGCTACAACGTGTGGGTGACTGAGGCTGAAGCAAGCGCC
CTGGAACGCCAATTAGATACGTGTGCTGCA

>naRXA01391-downstream

TAACAGTCACATAAGCATTTGGG

>naRXA01396-upstream

TCACCAACCCACTTAACCTTCGAGACCTTCGATTCCCTCGTTCGTTCCAGTTGGTTCTTCTG
CAACCGCTGAGATCCAGGCTCAGCTTCAACCTCCCGCGTT

>naRXA01396

TTGAAGGCTTTCAACACCAACTTCGAGCCACTTTGGCTACCGGAAAGGTTGGCGATATC
ACCACCACCGTTTGTAGTTGCAGGCGATGATGAAGACGCAAGAACGCTCTTATCACCGAC
GTCAACGCTGGCGGCCTCGACGCCCTTGACGCTGGTTCCCTCAAGCGTGACACGAGCTT
GAAGCAGTTGGTTTCTGAGCTCACCTTGCAGGTTCCGAGAAGATTGGATGGACCGGC
GGATTTCGGCCTGGTCAAG

>naRXA01396-downstream

TAACACCCAGCCTCAAAAGCACT

>naRXA01397-upstream

TGAGCTGCTAAAAGTCTCGCATTAAAGGACTGCTTCCCTTCGGGGGAGCATTTCTTTTAA
ACTAATTACTTGACACGTCAAGTAATTAGGTCTAGTGTT

>naRXA01397

GTGTTTCATGATCAAAGAACTGCTCAACAAGCTCTTCGGAAACAAGAAGGCTTCCCCGGCA
 ATGACACAATCTGAAACCATTTACACAAGGAGAACAACAATGACCACTTACACCATC
 TTCGGCCGCGGCAACATGGGCACCGCAATCGCAGGCGTCTCACCAGGGTGGTGCAACT
 GTAGAACACATCGGTTCTGCAGATTCTGACATCGCAACCATCAACGGTGACGTTGTTATC
 CTTGCTGTTCTTACCCAGCAGTAGAGTCCATCATTTGCAAGCCACAAGGATGCTCTCGCA
 GGCAAGACCGTTATCGATATCACCACCCACTTAACCTCGAGACCTTCGATTCCCTCGTC
 GTTCCAGTTGGTTCTTCTGCAACCGCTGAGATCCAGGCTCAGCTTCAACGTCGEGEGTTT

>naRXA01397-downstream
 TGAAGGCTTTCAACACCAACTTC

>naRXA01400-upstream
 GAGCAGCTATCACCTTATGCATCGGCTCCGGGTGAGGCGGTGCCGGTGTCTTTGATCA
 GCAACGACATGTGGGTGCCGGCGAGCGACCGGTTAGTTGG

>naRXA01400
 ATGGCGATTAGTGTTTCTATGCCTAAGGCGATCAGCCGTGAGGAATTGGAGCGCGGTGG
 CTTGAAGTGATTGAACGGCACGGCACCTTGCACAGTATTTAGCACGGGAATGGGTGGG
 GAAGTGACGCAACACCGCATTTGATGTGGGCCCGGAAAATGGATTGACCACGCCGTTGCG
 CCTGGTGAGAGCATTAATGAGGCGTTGCGGGCGGTGTTGAATCGGCAGTGTTGCGCGTAC
 TCGAGGCCATCGCATAGTTTGTGCATTATTGATGCGCATCCGCGTCCACGGTGATTATT
 GGTAGTGATCATTCGCATGTGGATATGTGGTCCATGCTGGTGATTGTGCGCGATTGTTG
 GCTGCGCTCGATATGGAACCTTCCCGTTGAGCCGCGGTGGCGTTTGAATCGCACACCGCG
 GAACTCCTCGCGGCTCCACCTGCACCGGAGCGGATTACACGCGGTGGCGTGAAATTTTG
 GAAGCTGGTGGTGAAAAATGCCTCAGTTCCCGCTTCCGCTTGGCGATGCCATCTCCATG
 CCTGAACGCGTTGAAGTCCGCGACATTTTCGGGGTCAATGGCTTGGCGATTACTCGGCA
 CGCGCCCGCGCACAACAGGTAAGCTCCCTGGCCTTGACTATTTAGTGATGGCTGATGTT
 ACGGCGGCGCTGGCGGACCTTCCGTTGCGTGCTGTATTCCAGTCCATAGCCGTTTCGAT
 CAGCGCTGGCACGATAGTGTCGGGTGGTTTATCTCCAATTCGGTCATTGAGGTGCCAGAT
 TCCGATCCTCACACTGCAGCCCAAGCTGTTTCGCGAGGCTGTTTCTTTGGGAAGCTACCCG
 CTGGCTGAGCTGCTTGAACCGTGGGGTGGCATGCCGAAACGCCAGGAATGTTTGCTATT
 TCTTGGCTTGACCTGCGCCGACTCCAGTGAGCATTGACGATATTGGCCTCCAAGCCAG
 TATGTACGCGCTTCACTGCGCACCGATGGTGTGATGCTGTGGTTTATTTTGGATCGCTCC
 GGCGCGCACCTTCGCTGTGCTTATCCTGACTCTTTGGTGGCGCGGAAAATGTAGGCCGC
 TGGATTGATGCGATTGTTGCTCAGATGCGCGCCGAAGCTGGGACGGTGAATCTGCAGGCC
 GGCGGGGAACAGCTGACACTTCGGCATGGAACCTCGCGCCGATATTTCCGAGATCGCCCCG
 CTACTTGCCCCGAAACGAGCTGACCTTGTGAGCTGGTGGATCTTGAACATGCCCTTGAC
 CTGCTGACACACGAGTCTTCGCATTTCTTGGCGGTGGTTGAAACGCTCGTGGCAAGATA
 ATCGCAGCGATGCAGTTGACTATTGTTCCGGAGTTTCCCGCGGTGGTGGCGTTCATCTT
 CACATCGAGGGGCGGTTCAATTATCCGGAATATCGCACCCACCGATTGGATAAAAAGCTG
 CGCGCCTGGGCTGTGGAGCATGGGCGTGCGCGAGGGGTGAAGGTTGAGGAGGTGGTGGGA

>naRXA01400-downstream
 TAGTTGGTTTATTGGCGCCTCGT

>naRXA01401-upstream
 TGCCAAACGGAAGGTTAATTGGTCTACATGTGTGAGTCTCATGGCACTATAATAGACCT
 AGTATCTATAGATTGATAGAAAATAATTTAGGAAGTTTCC

>naRXA01401
 ATGAACTCTCCCCTACAACACAGCGCCTTCCCCGTCCCCGGCGCGCAACTCTCCACCTCA
 TACAGCGACGAACACGGCCAAGCCGTCATCCAACCTCACGGCCTCACCTCCTCCCGCCAA
 CGCGACCGCCTCCTCGACCTCGACCTCGGCCGTGGCCTTTCGGGCACGCGCCTTTGCGT
 TACGACGCCCCGCGCCACGGCACCTCCACCGGCCGCTGCCTCCACCGATTATCAGTGG
 GACACCCTAGCGGGTGACCTT

>naRXA01401-downstream
 TAATGCTTCTCGACGCCCACTTC

>naRXA01402-upstream
CGCTGCCTCCACCGATTATCAGTGGGACACCCTAGCGGGTGACCTTTAATGCTTCTCGAC
GCCCCCTTCCCCACGAACAAGTCCACGGCGTCGGCCCCCTC

>naRXA01402
ATGGGTTGCGCCACCCTCCTCAAAGCCGCGGTGTTAAAGCCCGACGGCTTCAGTGGATTC
ACACTCATGCTCCACCCACCGCCTGGGAATCCCGAAAAGCCCAAGCCTCCGAATACCTA
TCCCGAGCAGAATTCCTAGAAACCCACGGCATGGACGCCTTCCTCAACGCCGAAAACTC
CACGCCCCAACCACCAGCAACCGTAGGAACCCCGACACAGTCCCCGACATTTCGCGCGAA
CTCCTCCCCCTGGGCTTACCGAGGCGCCGCCCAAAGCGACCTCCCCCTCAAAGAAAGAAATC
GCCAAAATAACAGCCCCCACCCTATTCTGAGCTGGACCGACGATCCCGGACACCCCGTA
TCCACGGCAATCGAGCTAACCCGCCTCATGCCAAACGCCCAACTGCGCATTGCCACTACC
CCAGCGGAAGTCGCGCGGTGGCCACAACACCTTCGCGATGACCTGCAGTTGGAC

>naRXA01402-downstream
TAAAAACCTTCATTATCTGGTTT

>naRXA01403
CCGATCACCTACATCGACGGCCATCCATATGTGATGGCGCGGTGCGGGAGACCGGCGGT
TTGATGCTACAGCCGGCCATCGATGCGGGCTTCACCCGCTTTTTTCGTTATCGCCTCCCGT
CCGCGCGATTATTGGCGCAAGGAGATCGGGCGCCCGGTTTCATCAAAGCTGCTTTACGA
CGTTTTCCCAACATCGCCGACCTCACCATCGCGCGTCTGCACTGTATAACTCGGTAAAG
CAACAGATCCTCGACCTAGAGAAACAAGGCAGCGCTATGTGTTCTTTGCGGACAACATG
AACATCCAGAACCGGAAATCAATCTGAAGAACTCCGTGCATCTTTCGATGCAGGCATG
CAGCAGACCCGCAAAGATTGGCCGGAGATCATGAGCTTCTGAACCAAACCAGA

>naRXA01403-downstream
TAATGAAGGTTTTTAGTCCAAC

>naRXA01405-upstream
AATTAGACGTCTGTCTAGGGATGCCGCATCCCGCCGGCGCTCCTAGAGTCCGTTTGTA
AAACCTAGAATCCGAATACGTTCCGAATAGGGTGGGGGT

>naRXA01405
ATGAGTAAGATAGTTGATCTGCGCTATGGGACCCGGCGTTCTCGGAGTTGAGCAAACGC
TCTGCTGAAGTCTTTGCCGAAGCTGAAGAACATCCCATTAAGTGACACGTCGTGATGGT
GAAGCGTTGGTATTGATGTGCGAGCGCGAAGCTGACGGGCGAGCCCGCCTGCTGGAGTTG
GCTGCACAGTTAATTACTGTGGCCACTGATCATCAGGGCACGTTAGCCGAACGTATGGCG
AAAGTATTCCCGTGGATGCTGGCCCTGTCAAGTGGCGGATCGTGAGGCGTGTGCCCGTGAG
ATTCTTGACGCTGCACGAGCATCGTTTGCAACCGAACAACCTCACCTCGCTCTTACTGAA
CTGACCTCATGGAAAGAAACAGCAGCAGCTGTTGCTGCTGGATTGAGTAACACTGATCTG
CAGTGGTACGACGATCCGCATCTGGTGGAGCGTCCC

>naRXA01405-downstream
TAAGCGTGGCTGGAAAGAAAAGC

>naRXA01409
GATTTCCCCGACGTACCCGCACGTTTGGGGTATGAATACATGCAGCTGACCCCTCATGTA
GATTTCCGTCTTTTCTCCGCCACCCCAAGGCAGACGATGATCTCGTGGCAGCCCTGAAA
AAGCGTGCCAAGGATGCCGGAGTCACCATTCCTGCACTGTTGCCAGTGCAGCGTATTTCC
TGGCCGGAGGAAACCAGCGTGTTCAGCAGTACGCAACATCAAGCGCATCATCCAGTTG
GCCGTTGATCTGGAAGTAGACACCCTCAACACGGAGTTTCTGGACGCCCAAGACGCTCC
GAGGATTCCGAAGATGCCTTCTACCGCTCCATGGAAGAACTCCTGCCAATCCTGGAAAAA
GAGGGCATCAAGTTCAACATCGACCCACACCTGATGATTTGCTGGAAAACGTTATTGAA
GCATGGCGAGTCATCCGCGGTCTGAACTCCAAGCAGGTGGGCTTTGTTTACGTGGCACCT
CACTCATTCACATGGGTGATCAGGCTGAGGCAATCCTGCCAGCAGTAGGCGATCGCCTT

GGGGCTGTGTACCTGTCAGATACCTTCGACCACCACAAATCCCACGGCCTGCGCTACATC
 ACTAACCCTCCAGGCAACGCAGTGC GCGTGCACCAGCACCTAAAAATCGGTGATGGCGAT
 GTGAACCTTTGAAGAGATCTTCTCACTGCTGCGCTCTACCGTTACCTTGACCGTGAAGAT
 GCACTGTTGGTCTCCAACGTGTTTGAGAAGATGAAGCAGCAGATGAAGTATCCCGCTAC
 CAGCTGGAGAAAAATCCGCTCACTCATCGAAAAACGCA

>naRXA01409-downstream
 TAGAGTTATCTCGAAACTACCAA

>naRXA01413-upstream
 TTTGCCCTATTGGAAGAAGTAAATTCACACCTTCACTTTCCAATACTTCTTTTGGTGAG
 CGGGTTTCCTCAGCGTTTAACCATCTGAAACCATCTGAGA

>naRXA01413
 TTGACCCATCTGTTCTTAGAAGCTCGATGAGCGTTTAGTACTGGGTGTTTACGCAAGATGGT
 TACCAATGGACTGAGCATTTGTTCCGGCTGCCACTGCAACATCTCCGTAACTCGCCCCAAT
 GACCTGCAGGGATTGAAGATACGATGGTGTGAACCTTTATTCCACAACGGGGAAAGATCAA
 GGGGTAGAACCTCTGCCTCAAGCAACCGTCGTTACCCCAAATAACTTCGAGGCTTCCACC
 CTCTCCGGCCTTGAGAAGCTTGAGACCGTCGAGGACCTCAAGGAGGCTGCCCGCCTCATT
 TATGAGCAAGGCCCCAGTACGTAGTCGTCAAGGGTGGCATGGACTTCCCCGCGGAGAAC
 GCCGTGGATGTGCTTTTCGACGGATCCTCCTACCACGTCTTCTCTGAGCCAAAGATTGGT
 GAAGAGCGCGTTTCCGGCGCAGTCTGCACCTTCGAGCTGTTATCACCGCAGAGCTAGCA
 AAGGGTGCTGAGGTTGTAGACCCAGTGGCAACCGCAAAGCGTGTGGTCACCCGTGCGGTT
 CAAGATGCTGTTGCATCCAACGCACCTTTTACCTCCGTATGGCTTGCTGAGGACAACAAG

>naRXA01413-downstream
 TAGAGTTTTAAATACCGATCAA

>naRXA01414-upstream
 TATTGCCTAAGTAGACCAATAGGTCTATGCTTCATAGAACAAGTAGTTCATAAGTGATTA
 GTTTTAAGAATTTATTACCTCTCTACAGGAGAACCCAGCG

>naRXA01414
 ATGGCCGTTTTTTGATTTCCCTAACCCCGTTAACGAATATGCAGCTCGCTGCACTGCGGGT
 TTGGTTGTTTTGCTGAGCGCGCCACGCTTTTGCCTCTGGTGACCTTCGTATTATTTTG
 GCAAGCATCTTGACCTTCGGCTTCGCATTGCGCGTGGCCGGCGGACCCCGTTACTCCCCC
 TTTGGACGTCTTTCAGTACACGTACTTGTACCACTGCTGAAGAAAGCACCGATCCTGACC
 CCTGGCCCACCAAAGCGCTTCGCGCAGACCATCGGCCTGGGCTTTAGCGGTACTTCCCTT
 ATCCTTATGGCCTTTGGATTTAACGTTGCAGCTTCCGTAGTCCTAGTCATGCTCATCGCA
 GCAGCCACCTTAGAATCCGTCTTTGGTATCTGCCTCGGTTGCTGGGGATTTCGGCAAGCTC
 ATGCGCTACGGCGTCAATCCAGAAAGACGTTTTCGAGCAGTGCTTCAGAAGGAATCCTCC
 CGCACCGGCTGGCTCGTTAGCCTGAAG

>naRXA01414-downstream
 TAGCACTTCGAATCTAAGACCAC

>naRXA01417-upstream
 AGCCTCCCCAAGGCTGGTTAGTCCCCTATCCTCTCAGAGAGAAGCAAACTGAAATAAC
 TTCAGCCTCAGCTATCCCCGCAATTTAAGGAAAATAGGAT

>naRXA01417
 ATGACTGACAAGTTTGACAGAGTCCTTGCTGTAGAGGTGTGCATTTCAGGAGTGGATCGAC
 GAGCAAAACCTCACGCTAGAGGTGCCATTAATGATTGCACGTTTGCAGCTTAGAGACGTC
 GCGAAGGATATCACTGCTGTTCACGAAGAAAAATTCACGACCTCACTGATATCGATACT
 GATGCCTTTGTGAAAAACATCAAACCTGGGATGGAATGAACGCTTGATCAAGAAAAGCCTC
 TTTCCACAACCGGACGTGCATAAAACAACATTTACAGAAACTGAACATGGCATTGACGCG
 ACTGTGACGGTCTGGTGAAGGGCTTCGATCCGGAAAGTGGCCCCGACTTCTTGGTTTCC
 TATGTGGATGGTCTTTGGTCAGCCGATATTAGAAACCGCATCACGAAATTTAGAATAGA
 GAAATCGTTAGCAAAATCTATTTTACTCCAGAACATATTAAGGAGGATGGAGATTTCTCC
 GCAGAGATTTTTATTAAACCGACCAGAAAATGACGACGACTCACAAGATTTGGTCGAGGTG

TGGACTGATCAAGACACCAGATACTGCGGTGAAATGATCATCTATTTCAAATGGCTC

>naRXA01417-downstream
TAAATTCACCTTTTCTGCATCAG

>naRXA01421-upstream
TTGATGCACGTGCAGAAATCGTCGGCGGTCCGTGGCACCCATCTGTTAAGGGAGACTCGG
TTACTGCAGGGATCCTGCGAGATCGAGTAAACGCCTAAAG

>naRXA01421
ATGACGTGCGAAAAGCATTAGCGGCAAGCGCCGAATCTGCCGTGCGTCACTGGAGCGCGG
TGGCTCGCGGCGCTCGCTGTTTTATTTTTTGCATGCGTTGGTGTTTTTGTGCGGTGTATCCG
TTCCAGCAGTCGGAACCTGTTTGCCACAATCCATAAATTTGTCCCATGCAGCTGGGTTC
GCTGGTGTAACTTCTTCTTTATCTTGTCCGATTTTGTATCTATTGGTCAAATAGCCAG
CTCAAGGGCATGAAGAATGTGCTGTATTACTGCAAGCGCCGCATACCAAGATTTATCCC
ATGCACTTGATTGCGTTGCCGATGTTTTATTGAGGCGTCGGCGAAGTTCACGACTACAGGC
ATTACCTGGGTGCTGATTTTGC GCGAG

>naRXA01421-downstream
TAAAGCTGTGGCTGCGGAATGCG

>naRXA01422
TTCGGTGACTCCCACACCTCTGGCACCAATGCTCCATTCCGTACCGATGAGCGTGGCTGC
CTCAAGGGTGCAACAACTGGGCAGATCAGCTGCAGTCTCAGCTGGGACTTGGCGCGGGA
GACCTCATTGATGTCTCCTGCTCCGGTGCATCGATCAACTCTGATGGATTCCACTTCTCT
GATGAAGTCCGCCATGCTGAAGCTCGTGGCGCAATCGGCCCCAACACCACCGATATTTTT
GTTCACTTGGGCAAGAATGATCAGTGGGGCCTTTCCAATGTGAACCTTCTGCAGTCTGTT
CAGACCTGCTTGACTGATGTGTTGCTGGTTGTGGCGATGCTGCGGTTGCTGCTGGCAAG
ATGCAGGATCCAAATGCAGTTACTGCTGAAAACATATGCAGAGCGCATGAAGCCAGTCATT
GACTACTTGAAGTACTACGCACCAACGCAGAGATCACCTTGGTTGGTTACCAGGAATAC
ACCGCTCGCAGCGGAAGTCAGGTATGTGTTGCTTGGTGGAAACCCACTGGTGAAAAAT
GATGCACCTGCGCTGGTTTCGTTTCATGAACAAGTTGGACATGGCGATTGATGGTGCTGCT
GGAATCCTCGGCGTCAGCCACGTTGATCTGCGTAGCGCGACTGAAGGGCACGACAGCTGC
TCCAACGATCCTTGGGTCAACGGTGTCTTTGATGCACGTGCAGAAATCGTCGGCGGTCCG
TGGCACCCATCTGTTAAGGGAGACTCGGTTACTGCAGGGATCCTGCGAGATCGAGTAAAC
GCC

>naRXA01422-downstream
TAAAGATGACGTGCGAAAAGCATT

>naRXA01425-upstream
AGTCCCTATTAATCCCAAGGAGTTTTGACTCACAGTGCTCAATTTTATTTATTGGCCAAT
TTCGGCCATTCTGTGGTTCTGGCATAAAGCGTTCAGCTTT

>naRXA01425
GTGCTGAGCCCAGATTCCGGAATTACCTGGGCCTTGTCGATCATGTTCTTGACCTTACC
GTGCGTATGGTTCTGGTCAAGCCGATGGTCAACACCATGCGTTACAGCGCAAGATGCAA
GACATGGCTCCAAAGATGCAGGCCATCCGCGAGAAGTACAAAAATGACCAGCAGAAGATG
ATGGAGGAGACCCGAAACTTCAAAAAGAAGTGGGCGTTAACCCCATCGCAGGCTGTTTG
CCAATGTTGGTGCAGATCCAGTGTTCTGGGTCTGTTCCACGTGCTGCGCTCCTTCAAC
CGCACCGGTTCTGGCGTTGGCCAGCTGGAAATGACCGTTGAGCAAAACGGAACACCCCG
AACTACATCTTCGGTGTGACGAGGTTCACTCCTTCTGCGTGCAGACCTGTTGCGTGCG
CCACTGTGCTCTACATCACCATGCCTGCTGACGCGTTGACGCGTTCTTGGCCTGGAT
GTCTCCCGCTCAACATCGCGCTGGTTGCAGCTCCAATGATTTTTGATCATTGTGCTGGCA
ACTCACATGAACGCGCTGTGTCCTCAACCGCCAGGAAGCTCGCAAGGCAGCCGCAAG
CAGCAGGCCGCTTCCAGCGATCAGATGGCCATGCAGATGCAAATGATGAACAAGATGATG
CTCTGGTTTCATGCCAGCCACCATTTTGTTCACCGGCTTCATCTGGACCATCGGTCTTCTT
GTCTACATGATGTCCAACAACGTGTGGACCTTCTTCCAGCAGCGCTACATCTTCGCCAAG

ATGGACGCTGAGGAAGCAGCTGAGGAGGAGGAAAAGCGCGCAGCAAAGCGCACTACCGCT
CCAAAGCCTGGCGTGAAGCCAGAAAACCCCAAGAAGCGTAAGAAG

>naRXA01425-downstream
TAAAACTTCACTAAAAACCGCCA

>naRXA01429-upstream
GGTAAGAAGAAGGCAAGCTCGTGGTGAATTGCGCGACAAGGATGATTCGAGCGCATC
ATGTCCTTGATCCAGGGCCAATAATTTTAAGTTTGGCGCC

>naRXA01429
ATGCTCCAGGCTTCCCTTTTCCCGATCGTGCAGGAACACATAGATTTCTGCACCCCCAG
GCCCCGAAGTCGGTGTTTTGGGAGCTCGCACCTGAGGTTGCAGCTAAAGCTGATCCGGTG
TTTGAGAAGGAAGCCTGGCTGTCCACCACGCTGCTGGAATATGAATCCTGCGGTTTCAAC
ATTGGTTACCGCAATGGAACCTCGGGCGTTGGCGTCGGTCAATTTCTGCGAGCGCGATGCC
GCCCCGGGCGCGAAGGCGCTGCCTACGGCACCGGTGTCTAGCGACGCTGCGATCATCAGC
AGCCTGTTTCATCGACGAGGTTTTCCGGGGCACGGGCATGGAATCGGCGCTTCTCGACGCT
TCCCTCATGGAATCATTCGGCGCGACTACCCAGCCGTTGAGGCGTTTGGATACCGCTCG
GAAAACACAGAAGCGGATGCGATCGCAGCTAGGCGTTTAGAAATCGGCCTGATTGATGTG
GAGGCGTTAGAATCAGCCGGTTTTCGAAGTGTTGCTGACCATCCCGTGTACCCCGTCTG
CGGATGGAATTACACCCGCAACGGTGCTGCTCACAGCTAAGGATGCCAGCGACTCCTT
CAAGAGATGGGCGCGATT

>naRXA01429-downstream
TAGCCAGCCTGCTCTGATTGCAA

>naRXA01434
GTCACCGACGGCAACACCTCCACCGCATGGACCTCCACCGGCGGCGACGGCCTCCTAGTT
GACCTGTCCACGCCTGCCCCGCTCGACCGCGTCATCTTGACCACCGGCACCGGCTCCGAC
AGCAACGTGACCTCGACCGTGAAGATCTACGCATTCAACGACGCCTCACCACACTCCCTG
TCGGAAGGCATCGAGATCGGCACCGTGGATTATTCCGGCCGCGAGTCTCAGCCACAGCATC
CGCGATTCTCCAAAGCTTCCGGGTGAGGTGGAATCCGTGGTGATTCTGGTCGATGAGGTT
CGTTCCTCACAAACCTCAGACACCAATCCACAGATGCAGATCGCTGAAGTACAACCTTGTT
GGTTGG

>naRXA01434-downstream
TAAATTACGCGTTTGTGATTGAC

>naRXA01439-upstream
GTTAATCCACAGCGCCCTGTGTGCACTCTATTAGTGAATATCCGGTGAATGCTCGTCCCT
CGACTGTCTACTTAGTAGGTTTGCAGGCTAGTCTTTTGTC

>naRXA01439
ATGACCCGATACTTTGCAGTTTCCAATCTTCAGGAGCTTGGCTCCCTCGAAGTACACAAA
TTGTACAAACTTCGTGTAGATATTTTCGTCCACGAGCAGCAGACTCCGTACGCGGAGATC
GATGACACCGATGCTGCCCCAACCACCAATCACATCCTGGTTTGGGAGCGCGCCGACGCC
ACCCCAACCAACCTCATCGGCTGCGCACGCCTCGCGCCATCACCGCCGCGAGCTTAAG
GCGTAACCGGCAAGGGCATTTCGCTTGACGACGCCACCCCGCTCTCACAACTCGGCCCGC
GTAGCGGTGGCACAGGAAGGGCGGGGCTCGGGGCTCTCAGGTGAGCTCATGCGCAACGCG
CTGCGTCTTGATATGAGCAGTACCCCGACCGCATGTTGTCCTGACCGCGCAGAAGCCT
TTGGTAGATTTCTACGCAGAATACGGCTTTGAGGCTTGGGTGAGGAATACCTTGACTCG
GGTGTTCCTCACCTCCGATGTTGCTCAAGGCTGATGAGCTTGAAAGGTTCTCAGACCTA
GACGCC

>naRXA01439-downstream
TAATCCGTAGTCACTGGAACCTCA

>naRXA01440-upstream

TTGATGGAACCAACCTCACGCTGACCACGCTCAGGGGAATCAGTATTGGGCAAACACAC
ACGATTTTGGAGCCGGCACACACTAATTTTAGGAGCACTG

>naRXA01440

ATGAAAACCAAGTGGTTAGCGATCATTCATTTCGTGGCGCTTGCGGTGGTTGCATGCTCT
GATACGCAGCCGCCGGTTACAGAAACAGTGACAGAAACCGCCCCGAACCTACTTCTGAA
ACGGCAGCGCAGCCACCACAACCCACGACACCTGCGGAAACGACCACGCAGCAGGCAGAA
GGTATCAACTTGACGCTCGCTACACTCGCCAAAATGTGGGGCACTTTTCCAGTGGTTAT
CAGCCTGGACAGGTGAGTTTTTTCCTCAGCTGATGGAACATTAAATGTGAGTTTCGCCCC
ATGGAACAGGACGCACCTATCAACCGGGAGCCCTCCACCGATTGGCGGTGAGTTTCGTG
CAGGGTGCCTGCCAATTCGACGATGGTTACGTAGTGGCGGATACAAATGTGAAAAACAGA
CCAGGTTTTGCTGAGTACACCACGGCGATTTCATGTGCATGCCGGAATAATACACCACG
TTGCCGCCGGGAACCTACATCGATTTACACACCATGGCTTGTTTCACCGAGTCTGCCGAT
GAAATTTCTGCAATTAAGTACGCGACCAATGAAACATTCCGCATCAGCGCGCAGGGTTTT
GAGATGCTCTCAAATGCCAGCGCGACGCGGAACTAACACACAAGGTGGCTTGTAACAG
GCATTTTCCAACATCGCGGAATTACGGTTCAGTGACGGCAACGCCATGTGCATGTTTCTTT
GACGCGCCGGGATCGCAAGATTTCTGGTGCCAAACACTCAGCACCCCCGGCTGGGACGAC
GGCAGCAACCTCATTCATTTGACGGTCACCGCGGAAACACTCAGCCTGATGGGCACCCAA
GTGGGCAACCCCGCCCTCGACTATTTCCGCGGCCCGCAGCTCATTGAGGCGCCAAATTCG
CTTCTCGACGCTCCCTCTCCGTAACACTCGACGGCGATCGGGTGCCTTCCGCACCGCG
ACCGGCGAGGAGATGTGGGTGAGTTCAGTGACTACGGATTAGGCGTC

>naRXA01440-downstream

TAGGTCTGAGAACCTTTCAAGCT

>naRXA01441-upstream

TTATAACAATTAGCCGTGAGGGTATTAATCAAGGTTTCGGGAGACTAACGTTTGTAGAAAC
AAGTGGACTCCAGCACACCTCGTGAGATGGCAGGTTTCATC

>naRXA01441

ATGGCTAGAACGACAACAGCGCACGAGTTCTCATGGCGCTTAGTTTCAGTCGGGCTTTTG
ATGCTCCAGGCCCTGCTCCGAACAGGAACAAACCCAGAACAAACGCCAGCGCCACCCTG
ACTTCGCAGGCTCCCGAGACTCCTCAAGCCTCAACAACCTCCTCAGCAAGCTCCACAGCA
ACTCCCATAGCAACTCCCATAGCAGCCACCGAGTTGGATTATCTCCACATCGATCCAGCA
ACGTATGACATCGGTGTCCAAGACCAAGAACTGCCGTATTTACCACTGGCGATGGGATC
ACAGCGCAGTGTTTCTTCGAGGCAACACCGGGGGAGACCAGCTATCAGATCAAGGAGTTT
GATTTTCGACGAAACTGCGGGAACGTGCGCTTTTGGTGATCAACACATCAGCGTCACCACG
GATGAAAATGTCCGGGAACGCTTTGCCGAATTGAGTGAAACCGAAGAAGAATTACCAGAA
CGCAAGCGACTCTCGATGTTGGTGAGATGGTGATCTTGGTCACATGGGTTGTTGGGCG
CCGAGTGTATCGAGTTTAGTTGTCTCGATTTCGCCTCCAACAGGCGTTCACCATGAAT
GAACAGGGCTTCCATGAGCTTGATCCTGCAAAAAGCCACTGAGCAGCTAATTAATTCGAGT
GGCCAGGTTCAAACGTTATCGAAAATGACGAATTTCCAGTTTCACCGATGGCACCAGCATC
ACCTGTGTCTAGTGAGTTGCAGGCGGAAGAGTTCTTGTGCCACAACAGTGGTCTGGAGGC
TGGTCAACTTCAGCTGGCCCTGCCAACACCCTGTGGTGGAATCTGAACCAGGCCGACTCC
GAGTTTGAGGGTGCTCGCCCCACGAATCCAACGCAAAGCGTTTATAAATCTCAACAAATA
TTCGGTCCGGGATCGTATCTCCTCGCAACGGTGTGAGTGAGAATTTGATGGAACCACC
CTCACGCTGACCACGCTCAGGGGAATCAGTATTGGGCAAACACACAGATTTTGGAGCC
GGCACACAC

>naRXA01441-downstream

TAATTTTAGGAGCACTGATGAAA

>naRXA01445-upstream

GAGTCTCGAATGTATAACGAGTTTGTTCCTAATAACTTTATCATTAACATGCCTGCAAT
AGGCTTGGGAAATTTTGGCATCCAGGTAATCGCGCTGTCA

>naRXA01445

ATGATCCCCTTATTAATGTACGTTTTCCCGTTGCCGCTTACCTCTCGCATTAGTGGCG

ACTGTATGGCTTAATGCTTGGGCAGACCATCTTCTCCTAACTGGTTTTATTGTTTATCTT
GCTGTGGAATACGCAACAAGCCGTGGGCGCTTCGCTCTCGCATTGATTTGGGAGTTGAA
TGGATCTTAATTGCTTATGGGGTAGCTTTGGAAAGGCCTCTTGAGGCTAAAGACTCTCCA
TCTCTCATTACCGAAATTTTGCTCATACTTGTAGCAGCTGGCACAGGGGCAGGTCGGTGG
AAAATTTTGAGTGAACGCAAGCAACGTGCAATTACTCAGCAGGAAATCATCAAAAAAATC
CGTACTGATATAGCGCACTATTTGCATGACAGTATGGCAAGATCGTTGGCAATAATGATA
GTTCAATCAAAGCTGACTGAACTAGAGCCTGATCCAAAAAAGATTCAAGAAAACTAAAC
AGTATTGCCAAAATTGGACAAGAGGCAGTGGCTGATTTGCATCAATTAGTTAGACACCTC
GTGGTCGAGGAGTCTGCTGAAAAAGCCACAGCGTTTGGAGCATGGGCTGCAGTTTCTATT
CATGACACGGTTAATTCTGCCATTCACTTATTAGTAGATGCAGGACATGTCGTTTCCTTT
GACAGTAGAAAAAGAACTATAAGCTGGACCATATTGCTGAAACGGCGTTTGTCTTAGCC
TTCAATGAGGCAGTCTGTAATGCAATTAAACATTCTCCGCCAAAGGCAACGTTACTATT
CGCATAACAGAAAAAGCACAGTCTCTTCAGATTCTAGTAATGAATCCTATTGGAGATTGG
CATGCAATGGGGAGTCCGCAATTCCAGGTGTGGGCATTGGCGTAGAAAGCTTAACCAGA
AGGATACGTAATATTAAAGGACAGGTCTGTGTACTTCACTGCAAGGATACTGGAAAGTA
GTTATTTCACTACCTTTGAAATGTGAGGATTCT

>naRXA01445-downstream
TAAATTGTCTCTATTTGTTGAAC

>naRXA01447-upstream
TCCATGAAGTTGGAGTATGCACGCGTGTGCGCACACAGACGTTATTTTCATCTTACTATCC
CATGTGAGGTTTTTAATCATCGCGATACTAAGCTTGCGGT

>naRXA01447
ATGCGTCTTCTGGTTTTGCGGTGCGATGCCCCACACATCAACGAATTCCTGCCCTTTCC
ACCTCTGTGGAGATCCACGATTTGCCTGCGGTGCCCCACCGAAAAGACCTCAAATTCCTT
GATGATGTGGCCTTTGATGTGCTCCCTCAGGATCCCACGCCTTCTCTCGATGAGATCGCC
AAGCAGCCTGATGTGCGAGCATTTGAGCAGCCCTAAGTTTGCGCCACAACAGCCTGAAACC
CGTTTGCGCATCGTGGTGATCGGTTGCGATGCAGCGCTGTCTGCGGTCTGACTCGTCTC
ATGCGCGCCGATAATTTGTGGGCGGAGATTGGATTGCTGCCCCGTTGGTCTTCAACGGCT
GCGAAGAAGTGGGTCTGCCCCCGATGAGGCTGCCGCGCTTGAGCTCGCACTGACCGGA
TTGGTCAATCTGCCCGCTCATCCGCGATGACGTTGCGGTGCGCGTCCGCGGTTAGCC
ACCATCAACCACTGGGAGCCGGGTGAGATCACCGGCGAAGTCATCGTCGATGATCATGTT
CTCATCCGCCACGAGGCTGCCTCGAAGGCCACGCGGTGGCGTCTACGTTGCCCGCTTG
GTGCCGATGCTTGACGCCCCAGGCATCGCTGCGGTGATCATGGACACTCCCTGCCCGGC
GAGGTGCCCTCCCGCAGCCTGTTCCCTCGCCCCCTCGGGCTCGGTTATTCCAGAGAGCTTT
TCGACGGGCGGTGCCATGCAAGCCGGCGGCCCTCGCTACAAATCCGGGTGACGGAATT
TCCCGCAAACGTAAAGTGGAGCGCGTTACCTTCTATCGACATTTGCGCGATCTCAAATC
GTGCGGCCG

>naRXA01447-downstream
TAAACAAGGAGCCAGCATGGCA

>naRXA01448-upstream
GCCTCGTTTGTTCACCGGCACCGTTGGTGAGTAATCAG

>naRXA01448
ATGGCCATTGGTGCCATTTTGATTGCCACGATGTTCCCGCCAGGTGATGGTGGAAGCATT
GACCGTATGATCGACGCTTCATTGGTGGTGGCGTGGGAATTTTGGTCATCGCACTTCTT
CCCTCATCTCCTCTTGACGCAGGCCGGCATCAAGTGCCCAACGTTTTGGGGATCGCAGCT
AGTGTGCTGGAAGACGTGGCAGCTTCCCTAAAAGCCAAGGATGCAGCCAACTCAACAAT
GCTTTGGAAGCATTGAGAAGGTGCGAGGCGTCGTTGAACAAGCTGGAACTGCGGCATCT
TCAGGCAAGGAAGCAACCACCGTATCGCCATTTTATGGGGAGATAGGGCCCCGCTGAGA
TCGCTGTATCGCATTTCTGGCGCCAGTGGACAACGTCATCCGAAATGCTCGAGTCTTGGC
CGACGGGCAGTGGTGCTGACCGAAGACAATGACACCGTCAGTGATGAACAAATCCACGTG
ATTGAGGAAATCGCAGACATTGCACTGCGACTGTGAGACCTTTATGAGCACCACAAAGAA
ATCAGTGAAGCACTGGAAATTCCTGAGTTGGTTAACCAGTGCCTCAACTGGGCAGTGAA
GTGGGCGAGGACATCGCCGAAGATCGAGTGCTATCCGCACAAGTAATTTTGGCGCAATCG

CGATCCATCATTGTGGACCTGTTGCAGATCTGCGGCATGTCCAGGGAATCTGCGGTGGCA
GTGTTGGTTCCGACCTCAGAGAGTCCGGCTTACCCTCCGGAGCTGTGGGATGACGAAGAC

>naRXA01448-downstream
TAGCCTTTTATCGCGGTTTCGGTT

>naRXA01452-upstream
CCGCCAAGAAGGTAAGGACTACGTGATGGTCGATGGCGACGTTGTGGAGTTCGGTTTAA
CGTCTAGCGTTATTGACGCTCCTCGTTATACGCTGGTCTC

>naRXA01452
GTGATCAGATCGTTCGCCGACCGCGACACCGAGTTGGTCTGGTTGCGTGAAGGTGCGAAA
CGCGTCGATCCGCGAATACACAAAGTGGCGAATCGGAAGCTGCATCTGCTGGACGCGGCG
ACGACCCCTCGATGCTCTGCGTGTGACTCCGGGGAATCGCCTGGAAACGCTCGAGGGTGAT
CGAGTCGGTCAGTACAGCATTTCGAGTCAACGACCAAGTGGCGGATCTGCTTCGGTTGGAAC
GACTCGGGCCCCGAAAACGTCGAGATCGTGGATTATCAC

>naRXA01452-downstream
TGAGGAGGAGACGATGGCTCAGA

>naRXA01456-upstream
AAGACAATATCCTTATATGTACGTATTATGCGTTTCTCCCCACTCTACGGTTTAAATCA
CCTATAAAGGCCAACCAAGTAGTTACAAAAGGAAAAAATT

>naRXA01456
ATGAACGATTCCATTTTGTAGTCCCCAAGCACTGAATAAAGCGATGCTCGAAGCCGTCGAG
TTTATCCACGCCGAAGGTTGGGACGCCGGCCCTACCCTGTTTCGCATTGGTCCCCACTGAA
ATGCTGGTGGATACTCTTGATGAGGCAGCTGACGACTCCCCACTAACCCTTGTGTACAG
GACAACCTCCCTGACAACCTTGCTGCCAGGTTCCGAAGCGTTAGGTGACTATGTGTCCCGT
TTGGCGTGGCCAGCAGAGATTGCCGGCGCGGTGTGGCTCAGGAAATTATGTTACCGAT
GCTGCGGTTGCGAGGTCAGAACACGACCCGCTCGTCTTTTCCGGCGTTTTCGCGGCG
GAAGCAGAATCACCCTTCTGCAGCTTCGCCCCACCGAAGAGGAATTGGCAGAACGCGGA
CCGTTTGTCTGAAGATGAAATCGAACTGCGCGGCGGCCAGGGGTGACCCGGGTGTAATC
GCAGCACTGCGCTACACCCTCGAAGCGGACCCAGACGAAATC

>naRXA01456-downstream
TAAAAACTGACTTTTCGTCCAGG

>naRXA01457-upstream
GAAGCGGACCCAGACGAAATCTAAAACTGACTTTTCGTCCAGGTTGCTAGGATAAATT
AAGTTAACCCCGCCACAATTTATTTGAGGAGTTCACACT

>naRXA01457
GTGGCGTCCACCCCGCACAAGCATGTCCGCGTTGCACTGGGATTAGTGGCGCTCATTCTT
CTTTTAGCTGCATGTACGGGCGGCGGATCCACCGAACTTCCACTGAATCCACGGCAGAA
ACAACCTCTGCGACAACAACGGAAGCAACGACAACCTCTGCTACCACTGCTTCGTCTTCA
GTAATTGAAACGACAGAGTCAAGCACTGCCGAAACGTGACGAAAGAGAGTGGGGAGACG
TCGACAAGCAAACCTCGTATGACCAAGGACGTTGAAGTCGCCTATAAAGCTTTCTCCTCG
CTCGCGCCCGTCGAGCTTTTGTAGCAATTGAAACCTGCGACCCGTGAGGGTTCGAGGAT
TCCTTTCGCGTGCAACGGGCCGGAAGTTGGCCAATTCCAATTCTTTGACAATGCGTCGAAG
GCCACGAGCACGACGAGCTGCTCACGGAACGCGCAGCTCACGCGTGGTTGAGGATTCC
GGATCCAAGGTTGTGGGCTGGACCACGATTGGCAGCATGTCGATTATCACGGTCGTTGAT
AATGACCAAGGCCTAGTGTGTCAGCAAATGGTGTCTCCGACAAAATCGATCCGGAGGAA
CGCATCTACGAACTTGGGCTGTGACACCGAAGGACACTGAAGAGTCTTCGGAAGAAACC
TCAGCGTCTAAAAAC

>naRXA01457-downstream
TAGCCACACGTCTGGAAATCAGA

```
>naRXA01459-downstream
TAGAAATCGACACCTCACACATT
```

```
>naRXA01460
GTGCCGTGGCTTGTCTGAGCGCCTCGTTTCTCCGTTGAGGAATACGCCGTCGGCCTAGAA
ATCGACACCTCACACATTCAAGAGGCCATGGGCAACTTCCAAATGGACAACCCAGATCCT
GAACGCCTCCAGGAAATGATGAACGAACTCCAAGGTATGGACCTGTCCCCACGCATCGGA
TCCCGCAACGCCAACGCAGTATCCCGCTGGAACACTCTCTCGCACTCTGTCGAAGGCTGG
TCTGCACATCGTAGTTACCCAAGCCCTGAGCGAACGCATTCCATCACCGACGCCA
```

```
>naRXA01463-upstream
ATTAGAACAAATATTCGTTAGAACACTTGTGTTTGTGTTTGTGTTGTTAGGGTGGGTG
CTAATGAGTTAAAAAGGGGAAATTTAAACCATTAGGGGGC
```

Appendix A, page 182

GGTGAGGGTGGGTTGACTGTGGCCTGGAACCTGCAGTGCCTCTGCGCGCATCATCACAAT
ATGAAGACTGATGGGCGCATCCAGGCGGCGATTGATTCCATGGGTGCGGTGCGCTGGATT
GGGCCGTGCAATCGCACAGTGGTAACCGAACCTGTGCGACCGTTGGCGCAAGAGATGCCC
ACGGGGCAGTGGGGGCGAGTCTGGAAGCACGGATGGAGAAGACTTTTGAAGGCTCCGC
AGTTCACTCGAGGTATTGGATGAC

>naRXA01463-downstream
TAAACCCCTTATGCACACCCCTAG

>naRXA01469-upstream
TCCATCGCCGATCTTGCCGATTGCTGGGACGATCCTTTTCGGTGACGGTGCAATTCACGTA
CCAGATGAGCAGCAGTTCAGTACTGACTAGTATTCTGTAGGTC

>naRXA01469
ATGGCATTTCAGACATTGTGCGCAGCGTCGAAAACCGCACCAACGCAGCGACCCCTCAAC
TGGTCCATCAAAAATGGCTGGAAGCCCGAAGTCACCGGATTTTCCGGGTACGGCTCCGGG
CGTCGAGTGCAGCTCCTTGCGCGCGTGTCTCATGTCCAACCCCGAAAATTTGCTTGTGAC
GCCCCCTCCCAATCAATTACCCAACAAGCACAGCGCGGTTGGCGCCAGTTCTTCACCATC
CAAGTGCCCAACCTGCCAGTAAGTGTACCGTGGTGGGAAAACAGTTACCTCATCCACC
AACGACAACGGGTACGTTGACCTCCTGGTGGGAAAGACCAACCTTGACCCCGGCTGGCAC
ACCATCCAGATCCAAGCCGAAGGTTCCACCCCGCCGAAGCCCGCGTCCATCGTGGAA
AACACCGCCCGAATCGGACTCATCTCCGACATCGACGACACCATCATGGTCACCTGGCTT
CCCCGAGCACTCCTCGCCGCGATGGAACCTCGTGGGTTTGCACACCAACACCCGCAAACCA
GTCCCCGGAATGAACCGCTTCTACGAAGAACTCCTCAAAGACCAACCCGACGACCCGTG
TTCTACCTCTCCACCGCGCATGGAACACCTTTGAAACCTCCAAGAGTTCATCAACAAA
CACGCACTCCCCGACGGCCCCATGCTGCTCACCAGTGGGGACCAACCCCCACAGGACTA
TTCCGCTCAGGTCAAGAGCACAAGAAAGTCCAACCTGCGCAACCTGTTTATCGAATACCCC
GACATGAAATGGATCCTCGTCGGCGACGATGGCCAACACGATCCCTCATCTACGGCGAA
GCAGTCGAAGAACCCCCAACCGCATCGCAGGCGTTGCAATCCGTGAGCTCTCCCCCGGC
GAACATGTGCTCTCCACGGAACAACCTGCGTCACTGTCCACCATCACGACCAACGGGGGC
CAAGGAGTCCCAGTAGTTACGGCCGCGATGGATATGAGTTGCTGCAGCGCTACGAGACG
AAGCCGTTCCGC

>naRXA01469-downstream
TGAGTCCTACTGGGTGTCTCATG

>naRXA01470-upstream
AAGACGAACCTCGTCTTACTTCCTTTAGTAACTGCACATATCTACTTGTATATGTGTGCG
GGAATTGAAGGCAGTTAAGTGTGCGGAAGGAAACCGAAC

>naRXA01470
ATGACGAACAATGCATTAACCGTGCCAACCCGGACCCGTCATCAGGCGGATTTGCTCAGC
GCAGACTTCTGGGAAGACATGGGGTTGCCCAACTGAAAACCTACCATCGAAGAATCCATC
GACGATGTAGCCCTCCCAATGCATACCGCTGTTCTAGAAATCAGCGGAATGCCAAAGGAA
CTGCGTCAGACCGTGGAATCCGCAATGGTTGTGTGATTCCGAGTCCTTCGGAGCTGTCC
GGCTCCAACAGGGACCCGCTCACCACGATGGTTCACTGCATGGCGCCGTGACCCATTC
GAACTTGGCCTCACTGAGTGTGAGAGGTGATCACCAGAACTCCACGCGAACTCGACAAA
CTTCGAGGAGTGTGGAATCTCTGGCTGATGAATACCGTTTTGAAGTTGAGCTGCGAATC
GTTGAC

>naRXA01470-downstream
TAGAAAGCCAGTGATTCTTTAGC

>naRXA01471-upstream
CCTCAACCCAGAGCTATAAAAAAGGTTGTAGAAGAAATTTCTTAACATACATCGTTGTGT
TGCCAGGGGTTTAAACAGATTAGTTGCTAAGGTCTGTCTCC

>naRXA01471

ATGCAGAGTTTTAAGACGCTTGAATCTTGGCCTGTCGACAATGTTTCGGCCAGTGTCATC
TCCGACGGCGCCGTGCACTTTTACGGCGACGTCGATCGTGTTTTTGAACATCATGAGTGTG
ACAAAACCTCCTGGCCACCTACGGTTTCCTTGTGTCATCGAAGAAGGTGTTTTTGAGCTC
GATTACCCGATGGGTCTTGAAGGATCCACAGTGAGGCATCTGCTCTCACATGCTTCCGGC
GTGGCATTGATAAGCCGGTAGCGGAAAAGGGAGTGGGGGAGCGCCGCATTTACTCCTCT
GCTGGCATGGACATCTTGGEGGATGCTGTTGCCGCTGAAGCTGAAATGCCGTTTGCAGAG
TATCTCCGCGAGGCTGTGTTTCGAGCCTTTGGGAATGGAGAACTCTGAACATATGGGGTTCT
GCGGGCCACGAGGCGCGCAGCACAGTGGCTGATCTGACCAAGTTCGGCCAAGAGCTCACC
GCACCAACTCTGATCTCACCAGAAACCCTTGCAGAGGCTTTCCAGGTGCAATTCCCGGAA
CTGATTGGCACCCGTCCCGGTTATGGCATGCAGAAGCCGTGTCCGTGGGGATTGGGCTTT
GAAATTAAGGGACAGAAGTCGCCGCACTGGACAGGTGACTTGATGCCGAGAACACTGCT
GGACACTTTGGACAGTCGGGAACATTCTTTTGGACTGTTCCAGGCTCAGGTCAAGTCGGG
GTTGTTTTGACTGACCGAAATTTCCGGTCTTGGGCTAAACCGTTGTGGACTGCCTTCAAT
GACGAAGTCTGGGCCGAGTTAAATTCA

>naRXA01471-downstream
TAAACTTTTGCCGTAAATTACGGT

>naRXA01472-upstream
GCACGTCCACGCGCCGACTTGCGCGCCTATTTACAAGCACGCTTATCGACGTAATTACA
CTCGGTGGAACCGTCGCGGAAAAATGGAGGATCCTCGCC

>naRXA01472
ATGAACCAAGCAAACCTGCCTGCCGAAATCGCGGACCTCTCCGATGAAACCGCACTGTGG
GAAATCATCAACGAATACAACCTGGGACGACGGCTTCGCGGTTCCCTTGCAAGTAGTCCGA
CACCCCAAATGCGACCGAGCGCTAGCCCTTCGCCTGTTTTGGGACATCGATGAAACCGCC
CAAATCCACCACTCCGACGAAGAATCAGCGATCGCCGAGTTGTACGCCAGCACCCGAGAA
AACGACCCAGCAGAAATCGACAGAATCATGGACTACTGCACCACACTGGTCGAAGGGCTC
CGCAAGCAGACCTATCTCGGGGCGCAACCGTTTCGACACGGGATTTTTCAACCTCGAG
GACCTTCTTTGACCGACCGTCAGCGCAAAATCCGCGCCGGGAAAACCAAATTTGCGCTC
AAGAATTTGAGGAAGCTTTCCTCCAACCAGAGCTA

>naRXA01472-downstream
TAAAAAAGGTTGTAGAAGAAATT

>naRXA01473-upstream
CGTAAGCAATTCCCACCAATGCAGTTTCCTCGGTGCGTTATAGTGTCGAGTAGGGCCAAA
AACCAACAATATCCTGGTAGCCAAGAATAAGATCGTGCTT

>naRXA01473
ATGACTGACATCGGTGATGTCGATCAAATAGTCTGGGAATTCATCCATTTCCACGATGAC
TCGATAAATCCATTCTTTGAGTTTCATCAAGAGTGATTGCATCAACGATGAGGCAATCGAA
CGCAAAACCCAGATCCTCGGAATCATCTTGGGTAACGAGCCATGCGGGAGTGTTATTCAC
GCCCCCAGAATAACAATAAAGCCCATGAGCCATACGGTCTCTTTTGGCGACGGCTGGATC
CAAGTCCTTGAGGATGCTGCAGAAACCGTGTGATCACCGACACGTTGGATGCCCTCCGA
TTTTCTCCCGAGCAAGCGGAATGGGCTGCAGAATTCGAGCCACTACTGTGCGGCCAGCG
AACCAACCGCCGGCGTATCTCACGGCTTTAGACGGGCACACAAAGCTACCGCTTAGCCCCG
CAGCTGACGGAGTTCTATAGCTACGCCCCGATCCTGGACAAACAGTGAGGCCTTGGGAAAC
GTCATTGATCCCGATGACTACCTCGATCATCTCACCGACCTCGCCTTCATTTGCAGGAT
CTTCTGGATAATGAGTTTGAACGGGTGGGGGTGCTCGTCGATAAGCAAAATCGCCCGCTC
GACCTTGCCCGGTGCGCGCTGTTCTCGCTCGACGCACTTGACACGCGGCCCTACAAACCGC
GCCTACTTCGTCTTCGCGCGCGCCGAGCCTGAGATCTGGGCGTTTGAAGACGAGCACGTC
CACGCGCCGACTTGCGCGCCTATTTACAAGCACGCTTATCGACG

>naRXA01473-downstream
TAATTACACTCGGTGGAAACCGT

>naRXA01474-upstream ,

CATCACCGATGTCAGTCATAAGCACGATCTTATTCTTGGCTACCAGGATATTGTTGGTTT
TTGGCCCTACTCGACACTATAACGCACCGAGGAACTGCA

>naRXA01474

TTGGTGGGAATTGCTTACGCCCGTTTCCCTGATACCCGCGACGATTCCATCAGCCGCGGC
AAAGCACGATCAGCGTTGGAGAAATCCACGGGCCTTAAAGAGCGTTTCGCGCGTCATTTT
CCTGCAATTTCCATACCTGTGATACGGGTGATGCTGCAGATATTCTCGTATCGGGTTGG
TGGCTTTCAGGTTCTAAAAAGAAGATCCTGACTGCAGCGGAAATCCAGACCTTATTTATC
AACCGATTGGCCACAGGTCCATTGAGCACTCAATTGGAACTGCTACCGGGTTGAACTG
CAGGTGGTGACCAATCGAGAGCGTATGAAGATCACTCTCATTGAACCCAAAGGCACATCA
GGACATGCCATCGACCCCCAAGCTGGCAAGGGTTCAAGGGGTGGCTTCCCTCGGACAAT
GGCCAAGAAGATGAATACGACGATGTGACACCGTCACAATCCCCGATGCACTCAATGTC
ATCGGTTACATTCTTACCCATGGAATCCACCTCAAGAAGGCTGGAAGGTAGACGTGTTG
GAGCGT

>naRXA01474-downstream
TAGTCCTCGATGAATTCTTCTCC

>naRXA01475-upstream

TGGATCTCAATGTAGTCGCAATACGGCTTTTATTCGTACAGGCAGTTCTGCGAATAGTATT
CGTGACATTGGATTACACCCGTAGTAGTTTTTGGGGGA

>naRXA01475

ATGAGCATCCAAGGGTTTTCCGCAGGTGACTATTCTGCATGTTTTGAACCGCGCATCGAT
GCGTGGGTTGATATTCGCGGTCCGCGGAAGCCCGAGTGGTTGGCGGAAAATATCGATAAT
CCGCTGAGACACTGGGGCGATAATCCTCATATCCCGGTGTCTGCTGCGAAAAAGGCTGGA
AATATTTACAAAGAGACCCCTTCGAACCATGAGAGCCTCAACAAAGACCCCAGACCAGGAT
CCCTTAAAAGAAAACCTGCGCAGCTTCATCGCAAGCATCAACCAGCTCGCCGCAAAGAAG
AATTTCAATTGATGCCGGGGTGCAGCAAGATATCGTTGTTGCGCTGGAAAACTATGCGAA
GCAGCAGAAGCTAGCCCAGAAGAAATTCAGCAGGCGATCGTGATGGGAGAAGAATTCATC
GAGGAC

>naRXA01475-downstream
TAACGCTCCAACACGTCTACCTT

>naRXA01476-upstream

ATCCAAGAAATTTGCGACCTCAGGAGTAGCGATACTTCGTAAATTTGGGAAGAAGGAGTA
GCCACATGACGTTGATCGACCTCACTGCTGGAGTGAGCGC

>naRXA01476

ATGAGCGATTACCGTGCACCGTCGTCATCCTGAACCGCACAGCTACTGCGACTTCCATC
CTGAGAGATATTAAAGCCCTCACCGTTACGGCCTGTCTGAGATCAGGTCGCGCATCGTT
GCGGGACTTCCCGTCGTGATCGAGGAGATGTTCTCAAACGCCTGGTACGACGAACGCGCA
CAACTGTTGCTGGCACTGCTGACCAATGGCAGAACGAAGGAATCACATTCGAGATTCGG
GAAGTCGCTGAGGATGATCCCATCGAAGCAGGGGCATTGATCTCTCTAGAAGTGCTGCGA
AACATCATTGAGCCAGACGATAATGAATCGAGGGACGGTATC

>naRXA01476-downstream
TAGTGGTGAACGTAAACCCCGG

>naRXA01479-upstream

GCCATAAATTTGGAAGAAGCGCGAAACAGGTAGAGTCTAAGGTGTCATTCTTGGTACAAG
TTTTATATTTAGGGAGAGTTATCCACACATGATCCAGTTA

>naRXA01479

GTGATAGGCGCTGCAGCAGGCTACGTGCTTGGCACAAAGGCCGGCCGCAAGCGTTACCAC
CAGATCAAAAAGGGATATGAGGCAGCGATTAACTCCCTGCCACCAAATCTGCAGTAAAC
GCCGCCCGCAAAGCCATTGCCAACAAGCTGGATCCGCAGCCCCGCATGAAGGAAGTAAAA

AACCTGCGGACTGCGGACGGGCATGAAGTCCTCGAGCAAGACCAGGAC

>naRXA01479-downstream
TAAATTACCCTCTAAACGCCCGG

>naRXA01484-upstream
GAGTTTACTCTTAACCGCAGTAGTGCAGCCAGCCCTGAGGGTGGTGGCGTATTCGATGCT
CAGAACGCCTAATAATCGGCACAAAATTGATTCAATTTTG

>naRXA01484
GTGTTGGGCACAGCTCAATATGATGGAGTTCCATCGAGGCAGTTTGCTGCTCGTTTGAGG
CATGCCGCGAAGCTGTGGCGTCTTCATGAAATCCAGCATGTATATACTGTCGGCGGAAAA
CTTCCTGGCGATCGTTTCACCGAAGCAGAAGTCGCGCGGGAGTATTTGATCAAAGAGGGC
GTGGATCCGGATCTGATTTTTGTCTCTGCAGTTGGCAATGACACTGTCTCCTCCTATGAG
GCGCTTGATCCGGAAGCTTGGTCGGGTGCTGATTGTTACTGATCCGAACCATTCGTAT
CGGGCGGTGCGCATCGCGCAGCATGGGCTTTGACGCGAAACCTTCCCCGACAACCTAT
AGTCCCGCGAAGTTCCGTCGATAGTTTATTTCTGACCTTGTCCCATGAGTGGGGCGGG
GTAGTAGTACAGGACGTGTCGCGGCTCTTGGGTGAACGGGTGCCGATAAGGTGAAGCAT
CTTTGCGCGCAATCCAAGGTCTGCTGCGCCCTTCGCGGCGTGACGCCATGAGCAACTTC
GGAGGC

>naRXA01484-downstream
TGAAAAAGTAGATGTACCCCTAT

>naRXA01485-upstream
CTCAGGGCTGGCTGCACTACTGCGGTTAAGAGTAAACTCTTGGCTAAAAATCTTCTCAGC
TTAACTAGTGTGCCAGCTGGACTCGTCTAAGGTGGGGACC

>naRXA01485
ATGAACTTTAGTTTGGTGCATCTTCGGGAAAACGTCCGCCGTGTATCGGTCACTGTGGCA
ATTGGAGCTGGCGCGCTCCTTATCAGTGGACCATTTTTTACTGCTCACACTGCAGAAGCC
ACAGAAACATATGTCTTGGCTGAATCACCAGAATTTTACCAAGACAATGTCACTGACTAC
ACCGGCCAGATTTCTCGTCCGATATCACCAACATTCAGGCTGCCATCGATGATGTAAAG
GCATCTGAACAAAAGGTTATTTTCGTTGTTTTCTAAGCTCTTTCGACGGAGTTGACCCCT
GAAACGTGGACGCAGCAAGCACTCCAAGCCAACGGCGGCGGAAACGTCTTGATTTATGCA
CTCGCTCCCGAGGAACGGCAGTACGGCATCCAAGGTGGTACTCAATGGACCGACGCTGAA
CTCGACGCCGCCAACACGCTGCTTTCCAGGCACTTTCCCAAGAAGATTGGGCAGGCTCT
GCATAGCGCTGGCAGAAATCAGTTGGTTCTAGTTCTTCCAGCTCTTCGGGCTCGTCCAGC
TCTTCCGATTTTTTCGGCGCTTGGTTGGCTGCTGCGGGCGTTGGCACAGTGGCCGCTGGT
GGCGGAATTTGGGCTATTCCCGCAGCCGCAAGAAGAAAACAAGTGTGCAACCTTGGA
GATGCACGCGAAATCGACCCGCGGATACCAACCGCTCATGCAGCTTCCCATGGAACT
CTCGAACACCTTGCCCAAGAAGAGCTCACCTCCACTGATGACTCCATCCGTCGCGGAAAA
GAAGAGCTCGCTATCGCTACCTCCGAGTTCGGACCAGAGCGCACCCGAGCTTCAACCGC
GCCATGAACCACTCCACCGGCACCTTGCAAAAAGCCTTTGAGATTACAGCAGCGCTCAAC
GATTCTATCCCAGAATCCGAAGCCGAACGTCAATCCATGCTGGTAGAAATCATTTATCC
TGTGGCCAAGCCGACGATGCCCTCGACGCCGAAGCCAAAACCTTTGCCGATATGCGCAAC
CTGCTGATCAACGCGGGCAGCAAAATGGATGCTCTACCCAAAAATCCGTCGACCTGCGC
ACCCGCCTCCCAAGGCCCAAGAAACACTCGCTGGCCTGCGCACTCGCTACTCAGCAGAG
GTCCTTGAAAGCATCGACGACAACGTGACCTCGCCAGCGCTTCGCTCGACGAAGCAGAA
GAAGTCTTGCCACAGGCGTACGAGATAGAGTCCATGCCCGCAGGCGAGCAGGGCGGGCTT
ATCGACGCGATCCGTACATCGAGCAGCCATCACTACCGCAGACAAACTCCTCGCGGGC
GTCGAGCATGCCGATGAAAACATCTCCACAGCCAAAGCAAACGTTGCCGATCTGATCCAA
GAAATCTCAGACGAAATCAACGAAGCCGGCCAACTCAAACAAAGCGCAGGAGCCGACGGT
GCCCCGTGCCGACTGGGCTCCCTCGACGATGCTGTCCGCGCAGCCAGCGCAGCACTAATC
ACCGCATCAGCAGACGCCGAAAAGGATCCGCTCGGAACCTACACAGAACTTGTGATGTC
GACTCCGCCCTCGACACTCAACTTGACACACTTCGCGCCACCGCAGCTGATCAAGCCCGC
CAGCTACGCGTATTGCACCAACAGCTGCAATCTGCAAGAAGCCAAATCCAAAAGGCCGAA

GACCTCATCTCCACCCGCGGTTCGCATCGTAAAAATCCGAAGCCCGCACCCACCTGGCCAAAC
GCACAAAAGCTGTACGCCATGGCACAACAAAACCGCACCCGCGACACCCGTGCAGGAATT
GATTACGGAGCTCAAGCAGCAGTTCGCAGCCCAACGCGCCAGCAAGTCAGCACAAAACGAC
ATCACCACCTACAACAATCGCCACAATTCCGGTGGCGGAACCACCGGTGCGATTGTCACC
GGCATGGTGATCAACTCGATTCTCAACAGCGGCCGCGGTGGCGGTTTCTGTGGAGGCGGA
GGCTTTGGTGGAGGCGGTGGCGGCTTCAGCGGTGGTGGCGGTGGCGGAGGAGGTTCCGC
GGAGGCCGCTTC

>naRXA01485-downstream
TAGCCTGAAACGAGCAAAACCAA

>naRXA01488-upstream
CCTTGATATCGCCACCGCATCGATGATGCCCTCGCACTTGCCCTACGCACTGGGCTCACC
TGAAGTAGAGTCATTGGTGTCAACACCACCTACGGTAAC

>naRXA01488
GTGCTACTCGAAACCGGTGCAGTCAATGACCTGGCACTGCTTGATCTGTTCCGGTGCACCA
GAAGTACCTGTGTACTTGGGTGAGCCACACGCACAGACCAAGGATGGCTTTGAAGTTCTT
GAGATCTCCGCGTTCATTACGGACAAAACCGGCATCGGCGAAGTCGAGCTGCCAGCAAGC
GAGTCAAAGGCACTCCCCGGCGCAGTGGATTTCTCATTGATTCCGTCAACACCCACGGC
GATGACCTGGTGATCATCGCAACTGGTCCCATGACCAACCTGTCTGCGGCAATCGCAAAG
GATCCAAGCTTTGCTTCCAAGGCTCACGTGGTCATCATGGGTGGCGCCTTGACTGTCCCA
GGCAACGTCAGCATGCGGAGCAAGCAACATCAACCAGGACCCAGATGCAGCAAACGAT
CTGTTCCGTTCCGCGTGCAGATGTCACCATGATCGGTCTTGATGTACCCCTGCAGACCCTT
CTTACCAAGAAGCACACTGCGCAGTGGCGGCAACTGGGCACTCCAGCTGCTATCGCACTG
GCCGACATGACTGATTACTACATCAAGGCATATGAGACCACCGCACACCTGGGCGGT
TGCGGCCTGCACGACCCACTGGCAGTAGGCGTTGCAGTGGACCCAAGCCTGGTCACTTTG
CTCCCCATCAACCTCAAGGTAGACATTGAGGGCGAGACCCGTGGACGCACCATTTGGCGAT
GAAGTCCGCTCAACGATCCAGTGGCGACCTCCCGCGCAGCTGTGCGCGTAGACGTGGAT
CGTTTCCTTTCTGAATTCATGACCCGCATCGGCCGAGTCGCAGCACAGCAG

>naRXA01488-downstream
TAAAAGCAGCTCTGGTGAAGGTT

>naRXA01492-upstream
TGAAGTGGGCGCGTTAGCTTCGGCGCGTGGCAAACCACATTTGCTGGACTGCAGGCATAA
TGGACAAAGACTTTTAGCAACAACCTATGTGGAGGTGACAG

>naRXA01492
GTGACCACAACCTCTGTGGGCGGTTTCTGACCTCCATGCAGCGGTGAAAGCTAACGCTGAT
CCAATTGAGAATATTCAGCCTAAGGATCCGTCTGACTGGTTGATTGTTGCAGGTGACGTG
GCGGAACGTACCGAATTGGTGCTGGAATTTTGGCACGTTTGCAGGCGCTTTGCCAAG
GTGATCTGGGTTCCGGGTAACCATGAGTTGTTTTCTCGCTCCGCGGACCGCTATCAGGGG
CGCGATAAGTACTCTGAACCTCGTTGAAGGCTGCCGCAAGATTGATGTGTTGACTCCGGAG
GACCCTTACTTAACCTTTGGTGGGGTTACTATCGTTCCGTTGTTTACACTCTATGACTAC
TCGTTCCGTCGACCTGGTTTACCCTGGAGCAGGCTGTGCAAGCGGCGCGGGATCGTCAA
GTGATGATGACTGATGAGTTTTCTATTGCGCCTTTTGTGATATCCGAGCGTGGTGCTGG
GATCGCTTAGCCTATTCATTAAAGCGTTTGAGCAAGATCAACGGGCCAACAAATTTGATT
AACCCTGGCCGCTGGTGGTGGAACCGACTTATCAGATGCGCTGGCAGGAACCTGCATTG
TGGTGGCGTACTCGCCACACCAGGGGATGGGCCGAACGCTACAACGCGGAAGCCGTTATT
TACGGTCATCTGCATATGCCCAGGAATAACCAACGTCACGGTGTGAAACACATTGAAGTG
TCGTTGGGTTATCCGCGCGAATGGGAGCATTGGTCTGGGCAGCATGTGTGGCCATATCCA
GTGATGGAGGTGGACAATGCTGGA

>naRXA01492-downstream
TGAGTCTTTGTTTCCAAATTCGG

>naRXA01494-upstream
GCGATGAGGAGCTGGCTAAATTGCGCGAAGGTGCAGCGCTGCAGGTGATGCAGATCCTT

ACAAGACTTCATCCAAGTCTGAATCTGAGGAATAACACCA

>naRXA01494

GTGACGGATAAATAGTCAGTTTCATGCTGCTTCAGCATTAGTCCAGGCAGCTCACACGGTT
AGCGTTGTGGGGCATCTGCGACCCGATGCTGATGCAATCGGCAGTGTAGCTGCCACAGTG
GCGGCATACAGCAAACTTGGTAAGAGCGCCGTAGGTGCAATCGGCCAGCTAGATTGATG
CCCGAGAACTTGTACACCATTCCTGGGGCATCAAACATTAAGTTTGGCGATTCACTGCCG
GAATCTGACCTCATCATTGTTGTTGATTGTGGGTCAATCGAACGCACCGGTGCGTTTGAA
AGCATCATCGTCAACAATCCTGACAAAGTATTGGTGGTTGATCACCACGCCACCAATCCT
GGGTTTGGTGCCGTCAACTTAATCGATGTGGAGGCAGAATCCACCACCACGATTTTATAT
GACTGGTTTGTATGCGATGTGCGGTGCAAATTAATCCCGATATCGCCACGGCCTTTATGCT
GGACTGCTCACCAGATACCGGGTGCTTCAGGTGGGGTCGACCAGTCATGCATGACATGGCT
AAAGAACTCATGGAGTTCGGTCTAGACATTCGTGCCATTTTCATCAGCATTGCTTGATCAA
ACCTCCGTGGATGATTTGCGTCTTGTGGCCAGATTGTCTCTCGGATCGAGCTGCGGGAA
GCAGGGCATATACTCTTGTCTGTTCTCGTGGCAGACTTCGATACCATCAACGCCCGTTCA
CGCGCCGTTGTGGAAGGCTTGATCGAAATGGTTCGCGCTGTGGAAGGCGCAGACTTCGGA
GCAGTATTCAAAGAATATGAACGTGGCGTCTATACCGTGTCACTGCGTTCTTCCAATTTG
AGTGTGCTTCTTGGCAGTGCATCTTGGCGGTGGCGGACACATTCCTGCTGCAGGCTAT
ACCGCTCGTGGTACGGAATCGAAGCCCTCGATACGTTGATTGAAGCAACCGTTACCTTG
GGGAGTCTTTGCGAAGCTCGGCGCATGTCGATGTC

>naRXA01494-downstream
TAACAACGACTTTGAGCATGAGT

>naRXA01497-upstream

CGCCACGGGCAAAGTTTTCAAAACTCTGATCCATATGGATCAGAGTTTTTTCGTATCT
GCCACCAGAAAGACGCCCCCTTTGGCAGCCGAATTAGTCA

>naRXA01497

ATGGTGGGTAACTTCCCATCATGGCTGAAACCAACGAAAATGATCTTCCAGTTATCGAC
CTTGCCCAAATCGAAGGCTATGTTGTAGATGACTCGGATGAAGATGATCCAGTACTTCTG
CGTCCAGATGGAACCCCATTTGAAACCTGGCGCGAAGACTTCCCTTATGAAGAGCGCGTC
ACCCGCGAAGACTATGAGAAGGTCAAGCGCTCCCTCCAGATCGAGCTGCTGAAGTGGCAG
AACTGGACCAAGGAACTGGCCAGCGCCACATCATTTTGTTCGAAGGGCGTGACGCCGCT
GGTAAGGGTGGCACCATTAAAGCGCTTCAACGAACACCTGAACCCTCGTGGTGCCCGTACT
GTTGCGTTGGAGAAGCCATCACCACGCGAATCCACCTCATGGTACTTCCAGCGCTATATT
CAGCACTTCCCAGCTGCTGGCGAGATCGTTTTCTTTGACCGCTCTTGGTACAACCGTTCC
GGCGTGGAGCGCGTCATGGGTTTTCTGCACCGAATCACAGCATGCAGAGTTCTTGGCTGAG
GTTCCAATGCTGGAAAACATGATCCTGGGCTCTGGTATCAGCTTGACCAAGTTCTGGTTC
TCGGTGACCCGTAAAGAGCAGCGCACCCGTTTTGCTATCCGCCAGGTTGATCCTGTGCGT
CAGTGGAAGCTTTCCCCAATGGACTTGGCTTCACTTGATCGCTGGGATGATTACACCCGC
GCTAAGGAAGAGCAGTTCCGTTACACCGACACTGATGAGTCCCCGTGGATCACCATCAAG
TCGAATGACAAGAAGCGTGCGCGTATCAACGCGATGCGTTATGTATTGTCCAAGTTTGAT
TACACCGACAAGGATTACGAGCTCGTTGGTGAGCCTGACCCTAAGGTTGTGCTTCGTGGG
CGCGACCAGATCGGTGAC

>naRXA01497-downstream
TAGTCACTAGGCGGGCATGAAA

>naRXA01501-upstream

CTAACGAAATCGCCGACTCCTCGCAATCACAAGAAGCGACGACTAGCCTGTGGGGACAA
ACTATTTCAAGAATTTATTCAACAAAGGAGTTCTTCACAA

>naRXA01501

ATGAAGGAAGTAGCAGTCAACGAAGTCCCAGCAGGCGCACAGTTGATCGATGTCCGCGAG
ACCGATGAATACGCAGAGGTTTCGAGCACAGGGTGCCGTCAACATTCCTATGAGCGAGTTC
GTTGGCCGCATCGATGAGATCGATCTGGACCGCGACATTTATGTCAATTTGCAAGCTGGGT
GGACGCTCAGCTCAGGTTGCCGAATACCTTGAGCAGCGCGGAATTGAAGCCATCAACGTA
AACGGTGGCACCGACGGCTGGGTTGCTGCAGGATTGCCAACCGAGGCA

>naRXA01501-downstream
TAAGAACCCGCCGCAAAAGATCC

>naRXA01504-upstream
GCATGTAGCGAGTTTGATGAAGTTGTCGCGATAAGAGGAGGGCGTGTGCGTCTGTAGGA
TTGGCTCGTACCGAACTTAGAAAACATCATGGGAGTTTCGC

>naRXA01504
ATGAATATCACGTGGCTTATCCTGGCCGGTGTTTTAGCCATCATCGCTGTCGTGTTCTTT
TATCTTTCAGCACAGAAGAAAAAGAGCGAACCGCAGCCTCCTCGTCAGCGTCAAGATCCT
CTGAAATTTGCCGACGGATCCGACACTTTTAATGCCCCGATTTTGGGTCCTGGAGCAATT
ATTTCCCGCGGTGGCGTGGATTATGTCTGCCGCGGAGCCATCCAGTTCCGTCAAGGCCAA
TACATTTGGCACGAGTATCTACTCGACGGTGGCAAAGGCAGTGAGTACCTGAGCGTGGAA
TACGATGAGGGCAACTCAACCTCGGATGGTGGATTACCCGCCCTGACCTGGCACAACAG
CCCGCACATGATGTCAACCGTGGAGGGCGTTCGCTACCGTAAAACCGAATCTGGCGTGGGC
ACCTTCACCTCCGAAGGCACACCGCGTGGCTGATCAAGGTGAATTTGAATACTGGGAT
CTCGCCGAAGTTGGCGGAAACAGGTTGCTCAGTTTGAACGCTACGGCAAAGACAGTCCA
TTTGAAGTATCGCTCGGGTGGACGGTGCTGCCCGGCGAACTCACC GTTACCCAGCACCA
GAGGCCTCA

>naRXA01504-downstream
TGATTCATCACATCGATTGCATG

>naRXA01505-upstream
TCAGTTTTGAACGCTACGGCAAAGACAGTCCATTTGAAGTATCGCTCGGGTGGACGGTGC
TGCCCGGCGAACTCACC GTTACCCAGCACAGAGGCCTC

>naRXA01505
ATGATTCATCACATCGATTGCATGCCTACAGATGTCTCCGCCGAAGCGCTCGGCGTGAGC
TGGAATGGGGAATCGCCGGAGGTGCTCGTCGATAAGCTTATCGACGCATCCCCACACCCC
AGCACCTGCCATTTAGCGGTGATTGGCGGCTCGCATGTGGTTACCGTTGAAACGCCCGAT
GGGCGTTTTCCGGGAAGAAATTTCTGCCATGCACAAGAAGCGGAAGATTCCCGCTGGCCG
CTGCCGACAGCATCACGCGGGAAACTACCTGCTGCAAACCAACGTCGCCGTGCTGTCT
GAGGAAGATTTTGCCCGCGCAGCCGAAGAAATCTCCAACGGCGACGACGACTGGTTGATC
GCCAGTTTCCCGGCGCGGCGGAACACCACCTACCGCGCTGACCGCAGAAATTTCTGGAA
GACGTATGGGAATGGTTTAGCCACCACCTCTACCCAGAAGAGCTCACCATCGTGAGCACG
AGGAGCATTACAAACCA

>naRXA01505-downstream
TGAGCTCCCGAAACTACCGAAGC

>naRXA01506-upstream
CGCTGACCGCAGAAATTTCTGGAAGACGTATGGGAATGGTTTAGCCACCACCTCTACCCAG
AAGAGCTCACCATCGTGAGCACGAGGAGCATTACAAACC

>naRXA01506
ATGAGCTCCCGAAACTACCGAAGCATAGGATTATCCTGCTGTTTTTAGCAGTGTTGTGC
CTGTTTCGCTGCGGTTTTTGCCAAGCCTGCGGTGGGAAGCCAAGTCTCCGACCGCTGGCCC
GGAAACAACGGCACCTACTCATGCGCTGGCGAAAGTGGGGTGGTGGATGAAATCGTGAAC
ATGTCCACCCCAACCGACCGCGCCACCGACCCCGCAACTGGCGATACTTACCTGCGATAC
AGCAAAAACCTGATCATCATCTCAGGTGAAGGCACGCCGAATGCACCATCACCGTCGAA
GGCCTTGACCGCTCAACAGTGGTGC GTTCATCTGGCTCGGCGGCGGTTTTCGGCCATCC
TCACCAAGCAGTTCAGCGCGGATCCTCCGTTCCGGCGGTGGCGTGAAA

>naRXA01506-downstream
TAGAAAGAACACTATGAGTCAAT

>naRXA01507-upstream
GCGTTTCATCTGGCTCGGCGGCGGTTTCGGCCCATCCTCACCAAGCAGTCCAGCGGCGGA
TCCTCCGGTTCGGGCGGTGGCGTGAAATAGAAAGAACT

>naRXA01507-
ATGAGTCAATATCTTGTGACGAGTGCTCGGCACCCTTTCATATTTTCGTGTTGGCCGCA
GTGATCCTCGTGGTTCGGTTTTGTGATTTTGGACTTGATCACCCAGGTAACTGCATGAA
CTCGTGTTCGTGACCATCTGCCAACGCCGCTGTGATCACCGTGGCGCAGCAGGTTTCC
ATCGGAATCATCGTGGTCACTGCTGTGCTGACCTCCTCAGATATTTTGTGAGTGAAGGTTTG
CTGGAGACTGCAGTGTTCGGTGCCTTGGTCTGGTTATCCAAGTGGTGGTTCATGGCGGTG
TTGGAAGCTGTCAATCCGGGACGTTTCCGTGATCTCGTGGAAGATCCCAAATCCGTTCC
GGTGCCGCTCGTGGCCGCCGTCATCTTGATCGTGGTGGGAACCGTAAACGCTGCATGTCTG
ATT

>naRXA01507-downstream
TAGGACCCATCTGGCGCTGGCTG

>naRXA01518-upstream
AGCAGAACCTGATGCCGTCTGCACGGCACGACCATTCAGAACATGTGGATAATCTTGA
TCCCACAGACATTGAAGGTGTACCAAGATTTAAGGAGTC

>naRXA01518
GTGGCTTTCATGCAGAAAACGTCAGCGGTTGGTTGATCGCAACGGGAGGTTTCCTCGCC
GCTGTGTCCGCCATTTTGCAGTGGCGTTTTTATGGATCCATGACCTCTATTTCCATCAGC
GTATCCATCACTTTTTGGTTGTTGGCCGTGGTGTGTGGTTTCGCAGGTGTGAAGGTCCAA
GGTCGCCTCGATAGGGGCTGATCGGCCAGGACAAAATCCCAAATGAACCCCGTGACCATT
GCCTATCTGGCCATGCTGGGTGAGCGTGTGCGTGGGGTGGCGCAATTTTCGGCGGCGTT
TATGTGGGAATTGGCAGTTATGTAATCCCACGCGCCGGTGAGTTGTCCGCAGCATCGAAT
GATCTTCCGGGAGTTATTGCCTGTGCGCTGGGCGGAATCGCACTCTCAGCTGCCGGACTT
TATTTAGAGCGAAGCTGTGAGGCTCCGCTCCCCAATCTGGCGAAGCGATCAGC

>naRXA01518-downstream
TAGATTGGAATTCATGAATCAAG

>naRXA01519-upstream
CTGGGCGGAATCGCACTCTCAGCTGCCGGACTTTATTTAGAGCGAAGCTGTGAGGCTCCG
CCTCCCCAATCTGGCGAAGCGATCAGCTAGATTGGAATTC

>naRXA01519
ATGAATCAAGACCTGTACACGAGGATTCCGGCGACGGCAATTCTGTGACCGTGGACAG
ATTCTGCTAGCAGTACTCATTGGACTTGCCCTGATTGCCAGCGTCATCATGCTGCTGGCC
AACAGTGACGGCGCCATGAAAATAGCACTTCTTGCAGCGCTGTGGGCGGCAATCATCGGA
TTCTTCTTGTTCATCGGTCCCGCAAACAAGTCGAAGCTGCTGCGCGGGAGAAAGGAAACC
CTCGAATACGCACCAATCTGAACTCAACCGACTAGAAGCTGAACTCGTCCAAGAAAAA
ATGGAGATTTCTGAATCCCGTCTGTGCACGCGATCAGGAAACCCCTTGAGGAAATCAAACCTT
CAACTGGAGGAAATGCGCACCCAGCTGTCTGAGCTTCTGGCCGTGAATGGGGCTATGAG
CCAACCATGCTGCGTGCCGAAGCCCGACGAATCCTTGAGTTGGAATCCCAGCAGCTTTCC
CAGCAGTTCCAGGCACCGCAGCCAGAAGTCCCGGAGCCTGTTGCAGTTCCAGAGCCAATG
CCGGAACCTGCACCGGTGCCGGAACCAAGTACCAGAACCTGAGCCAGTTGAAGTTGCTGTC
GAAGCTGAGGAAGAACCAGCACCAGGTGCGAGAAGGCGTAGGCACGCAGCTCCCGAAGAA
ACTGGCGGACGCCGACGCAAGATGAACGCCAAGGCGGTTTGAGCGTGGCTGATCTTCTG
GCAGCAGCAAGGAAAAAGGAAAAACAAC

>naRXA01519-downstream
TAATGCAGGCTCCTCGCCTTCGC

>naRXA01520-upstream

CTGCATACCTCGCTCACGCACGGCATCACTGTGATGGATCCGCTGCAGACGTCCGGCAGG
CATCGTGATGTCTGCGCACCCGATTGGTCAGGACCGGTGG

>naRXA01520

GTGGCGTCCGCGTTGGATGAGTTGGGGGAGACCATCGTGGGGCTTTTGGTGGGGGAGCTC
GGTGGCTCGATTGTCGAGATCGCCGATGACAAGCGCGCACAGTTGGCTGCAGCGCTGACC
TATGCCGGATTTTAAAGCACCTTGCAGCGCGATGCGTCGTATTTCTGGATGAATTTCTT
GGCGATCCCGATGTGACCTCTGACATCGTTATGGATTCCGCACAGCAATTCCAGGCACTG
CCTTCGTTGGATGAGGTCAATTGCCAGTACGATTGATTAACAACCCCGGCAGGCAACGC
CTTTTCCGGGATTTGGCGCGCAGGCAAGGATTTCCCGCGCGCAAGATATTGAGCTG
TGGGCAATTGAGAAGGAGGACCGT

>naRXA01520-downstream
TGAGTTTCACGCATGGTCAGGGC

>naRXA01523-upstream

AATCCTCCAAACCTGTGGATAGAACATCTATCCACAGGTTTTTCTGCAAAGTT
CATCCTTGGCTTCTTATGCCTTCGGATCCATAGTGGGGTC

>naRXA01523

ATGAAAACTGGCAAGAAGATTCCAACCTAGTCAATCTCACGAACTTCTGCATAGCGAT
ACCGAGACTTCTGCGGCAATCAGTAATGGTCAAATGATTAACTCACTCATGAAGTCGCA
ATCAATGCTGAAAAGTACCGAAGCCTTCTGTCATGGGATAAAGCAGCCGCCGAGCTTTT
GCAGTGGGTATGACTGTGGACAAAGCAGTGGTAGCGGGGCGAGTCTGCGGCGAGGTTATGG
GGATACCAAACCTTTGACTGTTGAGAAAACCGTGTGTGTCTGTTGCCGGAAGGCTACGT
TCAAAATCCTCCAAGCATTGGCCGTCCGGGATGCGATATAAAGATCGTTACCTCTCGTCG
CGTGATATTCGAGAGGTTTCATGGGATCCGAGTTACGGGAGCGTTCGCGACATTTTGGAC
ATCGCTTTGGATGATGGGGTGGTGGCGGCTGTGGTCACTATTGATTGAGCTCGAAGACAG
AATCCATCGCTTACGCGTGAGAAGTTAATGCACAGTGCAGGAAAGTTTCCCGAGGCATCGG
GGTGTGAAGGCGTATCGGCAGGCGATTGAGTTGTCGATTCCCAATTCGGATAGTGCTCAG
GAGACGAGGGCTCGGTTAATCCTTCGGGAGGCCAAGCTCCCGGAAATCCAGTCAGTGAAG
GTGCAGGCCCGTTTCGATCAATCGCACACAAGTATTTCTCGTCGATTCTTGATCAAT
GAGTGGATCATCGTGGAGATTGATGGACGTTGAAATATGATTCCCGGAGCTCAATGAG
GTGCTCATGGCTGAACGCGATCGGGAGAAATTCTTCTCAATCAGGGCTATGCGGTCTTA
AGAATCGATCCGAAACAGTTAGACCTCAACCAAGATGGGGAGTGTGAGTTCATCGGAATC
CTCAAAAACACTTTGCAGAAGACCCACCTGAGCACCTCAAGCAAGCCGCC

>naRXA01523-downstream
TAAACACTCCAAGAACCAACCAT

>naRXA01525-upstream

GTCTCTGTAGAAATCTAGGGCTTTTCGACGCTTGAGCCCCGCGCACCTGCAAGGTGCGCTG
TAGGGAGGCGTCGACAAGCATCTTTAAGTAGCTTTGAAGC

>naRXA01525

ATGCGTTCCCTTTCAATCGATCCTTGACCTGGTAAATTCAGCATCCGAGGTGGCTACCAAA
ATTGTGTTGAAGCGCTTCGAAAAACGGATAACCAGCGGAACTGACTGGGTACCGTATCAG
CGGTTTAGTCTTTGGTCGGTTGGTTCTCCGCTAACGATCGAACGCAAAGGCCCCGATGTG
CGTGTGAGCAAGGACAACACTGCCGTTCTTCAGCGCTATCAAAGACCGGAAGCAGAAGGA
CTGATCAGTACTTCATGGATCCAAAGCCATGGATAACTGAATTGGCAGGCTGAATCTG
GACGATGTTTCCGAAGATACAGTTGCAGGTCCGACAGTATTAGTGGTTCCCCTATCCAAT
GTCATTCTCAGCATCGATGCGGAATTTGGGATGATTCTAACTGCGGAAAACGACATAGAA
AAGATCCACGCAATATCTGTGCAACTCTTAGAAAAATGGAGATCATCCATTACCCTGAG
CCGATTTTCTGACGCGTTCTCCACCTGCGTCACTGGAAACCGCAACCTCCGAGTT
CTATGCCCTGAGTTTCCATTCCAAGTGTCAACGTTGGTGATCAGGTTTTACTATTTTAA
ACATTTGATCAAACCTGCCACCAAGTAGATCAGCTTGAACTACTCGCCGCGGATACACT
GATCCAATCCAGCTTGACTACGACACCGCCAATACAGGTTTACGCGGACGGTTGGGAT
GCCATCATCTCCAGGTGGAGCCACTACACGACGAAGAAGAACTCACAGTTACTTCCTG
CACCGCCTTGACCAGATAGCGCGTACCCAACCATTCAGTCGTTACAGCAGCGCACTAC

CACGGTACGGACGCAATTATCGACGTGACCCTAGATGGTGTGCATCCACCCAAAAACCAA
 GAAACTCTTGAAGGCATCAGCACTAGTACCAGTGACGGTGACATATTTTGGCTCTCCGAT
 GAAAGCTTGCCCTTTCGTCCGTGGATTACAGCGTGTCAACAGGCGAACTATTACACGAGATC
 TCCATCCCCACGTTCCAAGAGATCGTCCTCGATTCCGCTAATAGAGCCCGGTAAAACAA
 AAGCAATGGCCTCAGGATTTTCAGTGATTGCAAGGGAAAAACATGGGAGCTTCCGGATCTT
 AAAGAAGTATTCGAAGCTGTCCCTTCGATTCCAGCAGGTTGGAGATTGTTAGACAGCTTC
 GGGAAAAACTTGCACAATGTACACGCGAAAAACCTCGTCTTAATGACAACTTTTGGCTT
 CAAACAATCCTTAGGCTTAAACCATTTAAAGCAGTAGATCTTGATATCGGCCGATCGATA
 ATCACAGCAATTTACCCATACGGTGATCGAATTTACTTACGCGCTAGTAACCACCACATC
 ACGTTTAAACCAGGACCTCGAGATTCTCAACGTAGAAGTCTTTGGCGACCCTGAGGTTCCC
 GAATCTGGTCTAATTTATCTTCCACCTGGGGATTCTCCAACACTCGGTTTTCCACCGGA
 ACACTCATGATGTTTTATGAGCAAGAAGGCACATATGCTTTCCACGACCCTGAAACAACA
 GAACAAATAACAACGTGTGAACCTAGACAGGAATAGTTTTTCAGTGGCATATCTTCCCGA
 ACCAAAATTGTTATTTACTGAAAAACCGAGAAAGCCGACCTACCAACAAGCTGTTGGTG
 TGGGAACCACAAACCGGGTGGCGAGAACAGAACCTGGAGCGC

>naRXA01525-downstream
 TGAGCACGCTTAAGGTGAGGTGG

>naRXA01527-upstream
 ATTTGGCTTTTGGCGATGAGCGGAAGTTGGCTAGGCAGGCGCATGATTTGTTGCCTGAGT
 TTGCTTTGAAGGAAAAGGCGGAGGGAAGGTCCACCCCAAG

>naRXA01527
 GTGATTCGGAACCCCAACCCGAACCCCAAGCCAAAACCTCTTCGCCTCGTTTCAGCGCTG
 ACCGCCATCACTGTGGTGGGTTTTAGCGCTTCACCTGTTTCATGCGTTGCCGATTCCGTTG
 GATCCTTCTGATCCGGCGGTGTTCGAGTTGTGGGTGAATCCGAATGCGCGGGCTGATGAT
 GAGCTTTCTGGTGTGGATGTAGAGATCTCGGATTTTGTTCATGCCGAATAGCAATCTAACT
 GTGCAGGTGGGGAGTCTTTTAAAGGCGCAGGTTTCGGGTGACTAATCGTTCGTCGGAGACG
 TTGAGCAATATTACGTTGCAGGCGCGTTCGTGCGGAGGCGTCTGTTGATATGGCGAGTGCT
 CGGGTGGCGGCGCAGGATAATAAATTATGGCTACTTCGGCGCGATGGTGACTCTTGATGAT
 GAGTTGGAGCCGGGGGAGAGTGTTGAGACTGAGGTGGAGATTTCTACCGATAGTTTGTGCG
 ATTTCTCAGCCGGTTCTTATCCGACGATGTTGGCGTTGTGCGGGCAGCTTGATGGGGTG
 GCGCAGCATTTGGATTTCGACGCTTTCTTCTGCCAGTCTCAGCGATACAACTGATACA
 GAAGACACCGCCACCCCCACGACGATGATTTACCCGATATCAGCCAGACGAATGTGTTG
 GGTGGTGAGACCGGCGAGGCGCCGGAAGAGCCGCTTTGCTGGTCAGTTCGACGCGCTT
 GCGGGCGAGTTGGATGAGGGCGGTCTGTTTGCAAAAGCTTATCGACGCTACCTCCAGTCT
 TCACCCGCCGTGCAGCAAGCCACGTGCCTTGCTATTGATCCGCGAGCTTCTTGATGTGGTG
 GATCGCATGACCGGCGGTTACACCGTGACCGATACTCGTCCAGTACGGTGCGGCAGAAT
 CAGCGGCTTCGTGAGTTGTGGACTGCCGATAATCAACCCACCAATGGTGTGCGGGGCACG
 GGTGCGGAAAAACGCTGCCATTTTCTTGAGAAACTCCGACAGGCCACAGCCACCTCGTGC
 ACCGTGGCGTTGCCGTGGGCGAATGCTGATCTAAATGCAGTGAGCCAAACCGGTAATCAG
 TGTTGATGCGCGAGGCGCTACAGCGAGGTGTACCACTTTGAAGAAGTGTGGGTGTT
 ATTCCGGAATCCAATGTGGTGATTCTTGAAATGGTTTTGTGAGCCCTCCACCGTGGGT
 GATCTCGGATGGCGGAAGTAACGCTTAATCCGATCAGGCGTGGGAGGTGCAGTCAGAG
 GAGTTGGTTGCTGCCCTGATGCCACAGAGCAAGCGCATTGGATAACCTTAAGCCAACG
 CCAGGCACGGTGACGCCGCCAACCCCTATGTCAACGGTGTCCGTGTTGGTTCTGATAAC
 ACGGTGTGGCGCACAACGAGCGCGGATCGGTTCCACTCTTTGGCTCCGGGAATAACTGGG
 GTGTCGTATCAGGGATCGTTATCGGCAACCTTGGCTACCTTGGGACAAAACCTGAGACT
 GTGGGCTATTCCAATCCGATTTCGCGTTATGACTACGCCATGGATTCTGAGAGCGCCGC
 AATCTCACCGGCCAGGCGGCGCTGCGCTTGACGGTGGACAACGGCGATGAAGACTCTCCC
 GTGTTGATCATGCCGAGCGCGGTGCTGGGCGCCGAAGACGGCGCGATGTTGCTTGAGACC
 ACCGGGGCTTTGCTTGCCGACGGCTCCGCCGACCTTTTTCCCTGCAGCAATATGTCACT
 GCCAATGCGGAACAAAGAAATACTTTGGCCACAGCAAACTCCACCGGATGACACTGCT
 TTTGGTGCACCTACGACGATCCTGCGTCATTGACGGAAACCGAAATCTGCGAACCACT
 CAGCAGGCGGAGTACATCGATGATCTCACTGGCATCATGTCCAATGATCCAGCATTGCA
 CTGACCCGTTATGGGTTTACAGCACCGCTGCGGCAAGATCTGCTGCGCGGTTGAGTATC
 AGTGAGCGTCTGTTAGCTCGCCACACCGGCAACCTCTGCTGCCGATAAATTACTT
 AATCGCAACCGGATACTCTGCAGAAGCTGCGTAGCTCTGTGGCGTTGTTGCCGCCGGGA

AATGTGTATACCCGAACCTCGGAATCGTCTCCGTTGTTGATTGTGGCGCAAAACGGTTTG
CCATTGCCCCGCGGAGACTCAGATTTTGTATTCGGAATCAGGATGCGCACATCAATACT
CCGGGTGTGGTTCGTATTCCGGCGCAGGGTCCATCACCTTGAGATGACTGCGGATTTG
CCCGATGACAATCTGCGCACTGATCTCACGTTGTGGTTGGCATCCCCAGATGGGGCCACC
ATTAGTGAACCTGTGGAAATTACTGTCCAGCCTCGCCGAATTTGGGCACCACGCTGTTT
TTCGTGGCAGCGGGCATTCTGGCAGTAGGAGGGTGTGTTTATACGGAAGAAACGAAAC
GTCGAAAAGCGCTCGCCCGGTACGGGATCGCCCAAACCGCCACCAACCCAC

>naRXA01527-downstream
TAACGTATCGCATAGTTATTTTC

>naRXA01536-upstream
AGCATAGATGACTTGACACTGTTGCAGCAGGCGGTTTTACCTGGCCTCTTAGGATTTGG
TCAAATGGTTGCAACGACGCCAGGGAAGGAGGCGCACCCC

>naRXA01536
ATGGCATTGGATTTTTTAGTAGACGTAAGAAAAAGAACAAAGACAAAAACCCGAATGAA
AATTCAGCAGTCCCCGCACACTCTGAAGATTCACCTCAGGAGGTTTTTGAGGGTAATGGT
CGTCAGGTAGGCGACCCATTGAACAGCAGGTTGATCGAGATGCTAAAGGTCGTCTCACA
GCGGCGGATTTCTTGCCGGACGCTGATCTGCCACAGCTGAATCGTTCGCGTGCAAATATG
CTGCGCCGTGAATTGGAGTACCGTTTTTCACTCCAGAATGCCACATTAATATCGATGGA
AACACGGCCATGATTCAGCGTTTCAGATGGCGGGGAGCACATGTCTCGTTGCGCACCCCTC
GCGATGAATGCAGCTGGCCTTGATAACTTTGATCAACTCCCTGAAGTGGTGGAAAGCTTC
GTTACGGCACGCTGGCCGATGCAACATTAAACGATCTTTCTACTGCTGACCTGTATAAA
GCACTGCGCCTTCGCTGCTGCCAACACCTGGCGAAGGCGACGATCTAGTTGAGCATGGA
CTCGACCGGAAAGCCAGATCCGCGACGATTCATCCTGCGCACCTTCACCTCTGACATG
TCGATCGCGCTGGTGCTCGATACCGAGCATGCCATCCGCATCCAGCCACTCAAAGAGCTC
GAGGAGTTCGATGACCTCAGCGCCCTAGAGCGGGCTGCGGACCGCAATACCTGGCAAGAG
CTTTACGACGCAAACGTTGACGCTTCCTTCGTCGACGCTGAATCAGACAGCGAAGGGTCA
TCATTTTGGGCTTTCGAATCTAACTCGTACTACTTGGGTAGTGCACCACTGTTCTCAAC
GATCTGTTGGCAAAGTGGGCACCTGACCTGGACCAAAGTATGGCGTCATCTTTGCTGTC
CCTGATCGTGATCTGTTGATTGCGCGTCTGTGACACCGGCGAAGATCTGATGAACGGA
ATCACCGCGATGGTGGAGATCGCGATGCGCTTTGGCCTCGGGAACCCGACGTCGATAAGC
CCGCGCCTGCACCTGCTGCGCGACAACCAGGTGACCACCTTCACCGACTTCCGCGTCGTC
TCTCCTGAAATGGAAGCTGAATGGGAAGACAGCGCTTTGACGCGCCACCGCCGCGCG
ATCGGCATTGAGGTGCGCCAGATCCGTATCTGATGGAGCGCCTCCAACAGGGCGGCTTT
GGTGATTTTCGGAGATTTTCGGCAAGCCCCGCGATCTAGATATG

>naRXA01536-downstream
TAGCGAAAAAGGGACCTTCACTT

>naRXA01539-upstream
AAATGAACAGGTAGAAGAGGTTAGTGTCGAGGTATCTTCTGTCCAGTCATTAACCCAGCC
TAAGACGTTGGGGCAGCTGCATGACCCAAGGAAAAATGTC

>naRXA01539
ATGAGTAGCAGCGACTTGGCTTCTATTATTGGTGTAGAGCAACAGCCTGTTGCTTATGGT
GAGTCTGAGGAACCAGAAACACTGCGTGATGTGTTGCCGGAAGCTTCACCCATCT
GAGATAACACCGAGTTATGAGGTTGCTGATGGTGAACAGCGCAGCATTTTTGGTGAATCA
GCTCCGTCTGATTTTGATGACCTCAGTGATGTGCAAGAATTTGATACCAGTCATTGGGTG
CGTGCTGGACAAGATGATCGTAGTGATGATGATCGACTCGCTGATGAGGCTGGTGACCG
CCTAGTGGCGCACAAAGATGTAGCTGATAATGAGGCTAATCTTTCTGGTGTGGATGAGCAG
CTGCACATGCGTGAAAGTCCATGCACAGAGTTTTGACCTATTGACGTTGCCAAAAAGGAA
CGCAAAGCAGCGGAAAGAAGTATGCCAAGCCACCAAAAAGTGATAATCCGTACCTAGCA
CGGGATGCCAAAGATGCAGCTGCTCGTAAGCGGAAGATCAATGCAGCTCATGATAATTTT
GCCAAAGAGATGGCACAGGCTGCGATGGGACCACTGCGCAAAGGGGTCAACACTCAAACG
GTGATGGCCGCGTGACGACTGCTGCGGTGATGTGGTGATGAGCCACGTATGACCGGT
GTGAACGTGGATATGAAGCGCAAGTTTTAACAAAGGATCTGGAACAGGCTAAAGACACTAAG
TTGTCGAAGTATGTGTCCAAAGATTTTTTGAAGTCAAAGCTGACGCGGATAAGACGGAG

AAGGAAGCGAAGTCGCTCTCTGATGCGTTCATGCAGCAGAAAACAGCGATCATCAGCAAC
 CGTGAACGAATCCCCATGAGTGTTGCTTCTGCCGCGCAGACCGTGGTTCGGTTGTCTGAT
 CAAGCGTATGAGGCGATGCGTGAAGTAGATACGGATGGTCAAGCGATAGTGGATGCGAAG
 GATGTCTCTGCACAGGTGGCAGAAGATATTGACATGGTGGTCAAGCAGGGTGAAGAGCAT
 GGCCCTGAAGTCGAAGGATATTTATGGCGCTGCCCGCATATTGTGGGTGCTCGCATGGAG
 CGCGATCCAGGCTATGCTGCCCGGTTTAAATGAGACGGCTTTTGGCACCGTGCAGCTGGGT
 GAACAACGACGTGGCATGGTGATTTCAAAGACCCCGACATGGCAATTCCTGATGGTGCA
 GGTTTGAGTAAAAACGCCGGCTGGTTTAGTGTTCTGAGCCGATGGGTAATGCGCAGAAC
 TTCGCTGACAACCTGGCTGCGACTTTGGCGACAGAAATGCGGGTAGCTGGTGAGCAGTAC
 GGTTCCGATGGCGTTCGTGATGTAGTTGCCGGCTTCATGACAGCGACTGATGTCTCAGAA
 AGTGGCCTCGCTCTGCGAAGAACTGTTACCTGACTTTGATACACGTGGTTCGAGTGCT
 TCTCGGGTGCAGGATTTGCTATGGCACAGCGCACACAGGCAGCGATCAAGGTGTTGCAG
 GATGATGGTAAATCAGACCGCGATGACGACTGAGCAGGTCAAGGAGGTTCAAGGTATGGGCG
 ATGGATCAGGCTGAGAAGGTGATGCAGCGTGATCATCCAGCGATTCTGGATAAGTTTGTG
 CGCAAACATGGGCAGACATTTGGGCAGGATGCGGACGCTTTTGTAAATCCATAACTATG
 GAAAAAGACACGAGCAGCGAGTACACTGATGCTATGGTTTCGACCTCAAGAAAAATCGTGGA
 TCAGGTGAGAACTGGCAGCTCGTCGTGTGTACAAGCAGCGCAAATCAATCAGGCAGCA
 CAGCTGGATATGAATGTTTCATGATTTCCGTGAATCGAATCTGCCAGAGGAACGACCCGCG
 AATCCTTATGAAGCGTATGTTCTGAGACTGAAGCGAAAACCAATGATCCGCAGTACGGT
 TAT

>naRXA01539-downstream
 TAATAGAAAATGATAGAAAGAAG

>naRXA01540-upstream
 CCATGCAGCACTATGGGTTCCCTGATCCCGATGCGTACTTTGACCATGCCACTATCGCAG
 GAAAACACCACACTCATCACAAGAAAGTAGGTCTCACC

>naRXA01540
 ATGACTTTTGCAGAACTTAGCTCACC CGGTACCATCATCGCTTTTAAATGGCCGTGCCGAA
 TCTGGCAAAGATACTGCAGCACAGTATCTCACCATATGCACAGTTTTCACCGCATCGCC
 TTTGCCGATGGTGTCCGTGACGCACTCTATGCGCTTAACCCACTGGTCTGTGTGGAGCAG
 GCTATCACCACACATGGTGCCATTTATGACCGCGTGGCCACTGTTGTGGACACACTTGGT
 TGGGATACCGCAAAGCAAATCCCCGACATCCGCGCACTTATGCAGCGTATTGGTACCGAA
 GCTGGTTGGCGCATCCACGGCGAGCATCTGTGGGTCAATCTTGCTATCAAAAAGATCAAT
 GAACTGCCCCTGACCACGCCATTGTTCATCACTGATTTGCGATTCCCAATGAGATTGAG
 TGGTTGAACAGCCTCAAAGCCAACCCGATGAACACCATTGAGACCGTCAAAGTCATCCGA
 CCAGATCATGAATCGACCTTGACTGCAGGATCATTCGGTACTACCTCACATATTTCCGAA
 AGCTTTAATCTCACTACCGACACTGTGCTCCGCAACGATGGCACCATTGACGATTTGCAC
 TCAAAGCTGGCTGATTTTTTGGAGCACTTCCCGCAGCCCGTGCTCTCTCGTAACGCCCT
 GTACCAAAACACAACGCACCGGCACCAACCACTGATGCCATG

>naRXA01540-downstream
 TAAATAACCCCGTATCAAGATC

>naRXA01542
 TGGGGTCAAAAAGATCACTGGGGCAAAGCTCCACTGGGTGATCACGATGCTGTGCGTATC
 TATAGGCAAGCAGAAGCCTTGATGAAACAGCGCGCAGCAAACAATAAGGGCTTAGACCTC
 AATGATGAAGCGACCTATGGCGCCATCATGTTTGGCTCTTTTCGATGATGCCTTCGCCGCT
 GATGCCGAAGCTCATGGCTGTGTACACCGACCACAGTTCGCGAAGGTAAGTACAGGCAAAAT
 ATTCTTAATTCACCGCAATACACGGCGATTAAGTCATCTTATGACGCGCTGGTGCAGCAG
 GATCTCGTGGCCCAACAGCAGCAGGCACAAGCGCTACAGCAAGCTGCTTATGAGCAAGAG
 CAGGCAGCTATTTCCAGGCACGTGATCAAGCAACATTCCAGGCTGAACAAACGCTCGCG
 CAAGAGTCCGTTCCGAATCAGAGGGTGTGGGTTTACCTGTCATTGATCCGATGGAGAGC
 TATTTCCGGGAGTACGCCTTCTATGAAGGTGTCGAGATGTTTGGTACCTGGGGTACGCAC
 GTTGATGCTGGTGTGTCGAGTTTAGCACCTCTGATGGCCGTGCGATCCGAGCGCTTGT
 GATGAGCATCTCGCAACCTATGAACCAGTAGAGCAGCGGGGAGTACTCAGGCATTCTTC
 GCCTCTGTCAATGCTGCCTTTGCTGAGGTGGCACCTCACGCAGACCCATGTTTAGTGCG
 ATTGCTCGCGAGGGTGAGGGTTCAAAGGGGTACCAAGCGCTGCGTACCGTTTCGACAAG

ATGGTCGGCACTGCAATTGGACCTAATGGTTTGCCTGAGGGACCTGATCTGGGTGGTTCGT
 CGTTTACCTATTTTCGCTTATGATCCACGCTGGTCAGACCGCGAAGTAGTCCGTGTGCAC
 GGTACCAAGCTGCTATCACTGTCCGAAGAGAGTGTGGCATGATCAGGGACCTTGATCTA
 GCAACGATCCACCTACAAGATAATGATGTTTACGAGGGGCACTCATCGAGAAGACGACACT
 AAAGGCGGTGTGCGACCGTTGACTCAATGGGTCAATGGTGAAGCTATTGCCTGGCGCACT
 ATACCGGAGAAATGACGAGATGCGACTGCCCAATATTGGTCAGTTTATGACGGCTAAAGAA
 TACCGTGCCGAGCGTCATGGCTGCGTGCTGGACTCATTGATACCGCAGATGTTGCGAGT
 CAGAAAATTGACCCCAACAAGGTCTGTCTGATGAGGGTATCGCGCGCTCGGAAGCTATT
 TTGACGTATCTGTGCGATGAGGGTGTGGATTTTAGGATCGAGCCAGATCGTGAGCCGGGA
 CAGCTTAAAGTGCGTATTGAGGGCACCCGTATTGATATTTCGTCTCACTGATACTCGCGCC
 AATGAACAGTGGTGGGTGCTGTCTATGATTCTGGCACTGTGATTAAGTATTCGCCCGAA
 CAAACAGCGGAAGAACGTCTACGAGCTCGTGAGCGCATGGAGAACGGTGATGGAACGTGG
 ACACCGGCTACTGATTATGAACCAAGCCCACTGAAGTTGTGCGATCTCGTGAAATTTGCT
 CTCGGTTCGAGAGGTTGAGCGACAGGATGGCAAAGGTCTTGTGGTGTGCCTAATGCTCGA
 CACCCACGTGCTTTAGAGCAGGCACAGGATGCATATTTCACTAAGAATCGTTCGCGATT
 ATGGTGGTGAAGGGCTCTCGATCGTTTCAGGATGCACGTGATCGAAGTGCTGGTCTGGA
 AAGTGGTTTGATAATGAAGCGAAAGCATCGGAGTGGCTTGGTAACAATATCGCCCTTACT
 CGTGCGCGTGTGGCCGAAGAGCTCGGCGTTGAAGAACTGATTGCGCTTTCTGCACAGTAC
 GCCGATGATCTGACTTCATGCCGGCTTTTGTGGTGAGGATGAGCTCATGGCGATAAAG
 CAGGACTATTGGGCGATGCTGCGAGGTGAGGAAACCGATCTGCTTAACCCTGGGGTTAAC
 CGCGATGATTATATGGCTGCTATCCGCGATGGTGATCATGAGCAGATTGCTGCGATGACC
 TCAGCAATGAATGCTGTGACCGTGGAGGATCGTGTGCGTCAGCACGCGGCCCTTGTCTT
 GATGATTATGTCGGCACGGTGGAGCCTGATCCTGTTACCGGCTTGCCTTTAATCCGGTG
 ACAGTTGCTCAGCACATGCCGAGTGCTAAATCCCTGTGGTCAAACCATGACGATATTATT
 GCCGCTTGGCGAGCGACTTCGATTACCTGGCGATGAACGCGCGGTGACGAATTTCTATAAC
 GATGTTATTAATCAACAGTTGCTCAAATTTAATCCTGAGACCGCGCAGAAAATGGTTAAT
 AACCTGATCTTGACCCGCAGTTGGCTCGATTTGGCACTGTCAATTGCCGAGACTATTTCC
 CGCAATGGTGCTGATGTGGTCGATATTGCTGTTGACGATAACGGTGTGGTGGCGTGGACC
 GCACAGCGACGTGTTGGTGCGAAGGATAGTCGTGCAGTAGATAGTAAGGGGCAGGTTCCG
 GGTGAACGCACCCGTCATGTGCAGGGTGAGATAGGTCAGATTTTTACTCGCGGTGAGCAT
 GGTGAAATTTGCACCAAATTTAATGGTGGCGAGAATATATGTTTGCCCTGGCTACACC
 GCGTCTGTGGTACCACAAAAGCCTGGTGAGACAAAGAGTTTAGAAGAGCGTACCAAGCTC
 AAAGGCTATGAGCAGTGATGTGAGAGCGTGGTGTACCGTGTGCGAGAAGATTGATG
 TTCCTGAGCGATGGCGAGTGGGTGCTACAACACGATCAACAGTGCATATAAGCGACTG
 TATGACAATCGCTTCCCTGTGGACTTCTTCGAGCGCAGCGCCGAAGAAGGTTTGAGCGAT
 GAGTGGCGTGCTGCGTTGCTTGAGACTGCGAGTTTGCCTGTGCGCTACGACAACTCTATT
 CGTGATGGTGCGAATGTGATGGAGGATATTGAGCACAGCAGCGTGGTTTTGATGCGCGT
 AATGATAACTCCCGTATGCGCTGGTGCTTACCGGTGGCGTAACATTTCTGTACTTGAT
 GTTGATGCGGGTAAAGGTTTCTTTGATCCCATGATGACTGGTATGGCGGCGAACCAGGGT
 TCTGTTGCTATTTGTTGCCTTCTGCGAAGGTGGGCGCTGATGGCATGATTACCCCTGGT
 GATCCGGCTGATCGAGTACCTGTTGCGAGCGATCCAGAATCATGGGCGATGGGCTTTGAC
 CCACATGACCGTCAGAACATGACTTTCTCGAACATCATGCGAGCTAGCGCTGTGACTGGT
 GGTGACAGCACTGCGATGATACAGCTGGGCGGTTGGAACCTTTGAAGATGGCATTATTGTC
 TCTGCCGATTTTGCGAATACCCATGTTATTGCGGATACGGAAGATGAGATGCGCCCCCTG
 GTTGCCGGCGATAAGCTGTCTGATTTTACCGTAATAAGGGTGTGACCGCTCTTGTGTT
 GATCCAGCGATGAGTGATGCTGATGCACGTGCAGCAGGGCTGGAATCAGAGGTGGCGTTT
 TTCCGAGACAACCTGATCTAGAGGTTGTCATGAGTCCGTTTTCTGCCATTTCTCGTTTT
 AATGGTGGCACGGCAGTGAGCTCATGACCAACCCGAGGATGTGGTGTTCAGGAATAAT
 GATGGTTCTACTCGTGTTCACCAAGGTGCCTCTGGTGATCTCAACTTCATCGTCACGCAT
 ATGGCTGTTGATGCGAAAACCAATGTCTATGATGAAGAAGCTGTTTCGTGAGGGCCAAGGA
 CGTAAAGCGTCTTCTCAGCTGGCGTGGGTGCTCCAAGCCCAGGAATGTCATGAGATTATG
 GAGCACTTTTATGGCAACAACGTCTCTGCATTGGCTAAGTTCCAGGAATATCTTCGCGTC
 ACGGGGCTTGATGTACCCCGTATGGTGAGTTGCGCGAGGGGTTACGCGAGTCCAATGAG
 CAGCGCAATATCATCGAGATGCCAAGCATTTACGATGAGAACGGTGAGCTGAATAATCGT
 GTTAATCGTGACAGGTGCGCGAAGCTTTTGTGAGCAGATCAGTCGCGCTGGTGGTGT
 ATGGAGATTCTTTCCAGTTACAGTTGCGCAATGGTGACAGCTAGAAGAGTCACCTAAT
 AATCCAGACATGTATCAGTTGCCACTACTGAGCCCGCATTTGCGCAGTGATGAGGATTTA
 GCGGACGGTAGTACCTCTCGACATGAGTACACCACGCGGTATATGGCTATTTTTGATACG
 TGCTACAAGCTGGCAGAAGAGCAAGCCAAGATTGACGCATTGCGCCAGGAGGAAGCGCAG
 CACGGCACGTTGCCCTCGTGCTGCGGAAAAGCGACTGAGCGAGTCACAGAAGTTTGTGAT
 CAAGCACAGAAAAGGTGCAGGCAAGCTTTGATGGAATTGCTAATGATATTGTGCGCCAGC

CGGATCGAGACCAAGAACAATGTGTTCAAGGACGGCTTTATGTGGCGCGACAGTCACAC
TCCGCTACTGCTGTGTGGACAGGTGATCCACGCCTGTCAGTTGATGAAGTAGCCATGAAC
TCTTCGATGGCAGCTGAACCTCGGCGTTCTCGATAACGGTTATGCAATGGTGTGGCGTGAT
CCGGTGATCCGCGATGGTGGTGTGCGCTATTTGCGTGTGGTTATTAATGATGATCTGCAC
GGTGTGGCAGTCAACCTGTGTGCGTGAAGAGCTTTGACGGTGACTTCGATGGTGACTCT
GTAGGTCTGGTTCGCAATCTGCCGAAAAAGGGCGATGAGGAGGCATTGTCCAGGCTCACA
GTTGAGGCAAACATGCTTGTATCTTGGTGTGGTAAGCGTATGGAGGACGGCACTATGTTT
TATGGGCTAACTCTGCATGACAGCCTCGATGTACAGGTAGCGCAGCACCATGATCCGGCA
ATGGCCGAGAACATGAAGGTTATTGTCTCTGAGCTTAACCGCTACCAGCGTGAATACGAG
GCCGGCGAGATTAGCCGCGAAGAATTGCTAGAGGTCAACCGTGCACACATGGATGATCTC
AATGAGCACTATGCACAGGCT

>naRXA01543-upstream

GTGCTTTAGCCAAGGTGAGGCATCAAGAGAAGCAACAGCGTCGTTACCGTTTTTTTGGTG
GGGGCGCTGTTGTTGTAGTTAAAGAAAGAGCGGTGGGAAA

>naRXA01543

ATGAGTTTGAACAAGCCATTATCGTGCGCAATGAATATACGATTAAGCAGGCAAATGGC
AAAGGTTACAGGAGTATCATCGCCAGGTAAATATATCTCTGGCTATATGGCAGCGAGCGAT
GCGGTAGAAGCAGTAGCACCTATTGTGCGCAATAAATTAGATGATTTTCATCATGCGGTAT
ATGGCACGTGATAGTGCCGTGGAGCAGCTCACCACGGACAGTAACGCAGACTATGACCAG
CAACCTGAAATGAACTCTCGTCTGTGGCCGGCAAGGTCGCCGCGCGACCTTGAAACAACGT
CGTGCAAGACGAGCGCCCGGCGAGCAGCATTGCGAGCGGGCGTGAATACAGACTCCGAC
ACCACCAACCCATCACAACTGTGCACCCGAGGGAACCTCGCGGAATTTACTACCCAGGAT
GGGCAGCGCGTTTCATGATCTCATGCTGAGGGCTCAGGGTAATGGGGGAGTGGCCTTTGGG
TATGGCGATGTCTCGCTGTACATGATGATCTTCATGCAGCAAGTAATAACGTCCAAGAG
CTCTATGAAAATAGGCATACCGTGATGAAAGTGGTCCTATCTTTTACCCAGGATTACCTG
ACCGCGCATGGCCTTATTCCAGAGGATCTCGATATTAAGCGTGCTGGTGATATCGCGGC
CAGGTTGACCAATGAAGCTACGCATGGCTGTATGCATGGTGTGGATCGTCTAGCCAG
CGTCATTATGATGATTTGCGCTATGTGCGCGTGATTCAGGTTGATACGAAGCATGTGCAC
GCCCCTTGACCATGGTGGATGCTGGTTATGGACACCGGGCTGCTGATGGTACGCAAAAA
GGCAAAATCAATAAGCCAGGTAAGGCTATTTTGCAGCGTGATGATTGACGCTGCGCTTAT
CAGCATCAGCATATGGCGCACTTGTGAGCAGCAGTGCGGGTATGAAAAACGCAATGTCAAC
AGCTACGTCAAGCGCTGGGCGTTTCATCAGCTCACCCAAGAAAGTGCTGCGCAATTTGTG
GTCGCTTGTGTTGCCAGAGGATAAGCGACTGTGGCGTGATCGACCAATGCCAAGGAAATG
GATAAGCCGAATAGATTAGTGCGCGAGTTGGTGGAGGCGGCACTTGGTGAGACTGATTCA
CCGATGCCGGCAGCACTGTGCGAGGTCTATCAGTATGCGCAAAAACGCCGCTTAAAGAA
GGTTTAAGCAAGCAGGACACCCAGCGTTTGATTGATAATGGCCGCGAAAAGATCATTGAG
CAGGCCATGAACGGTGTCTACAGTGTCTATCCGCGATTTCCGATGAGCAACGCGATGTC
TCTACGGCCATGTTGACAGTCAATGCGTCAAGACTATGAGGATTTGCTCGATGGTATTGCG
CGGAAGAAGACCAAGGATCTAGACGAGCAGGGTAGTAGTGGATCACAAGAGGTGGGAAA
GAAGAGCCTGAGCCAAAGTATTGAGGAATTTGGGCTGCGTTTGCAGTCTGATTCAGCACGC
TTGAATCATCACCGAGAACAACGAGAAGCCTTTGCCGTGAAAAAACGCTCGTGGGAGGAC
GCTAACTCTCAAGGTTTGGCTGATCCCACCTCACAGGTAATGTGGAGTTTTTATGACACT
GAGGAGCAGTATCATGCGATGTGCCAATCCAAGTACCAGCACTTTTGGACCTTTGCCCCA
CCTGTGCGTCACTGGGAGAAGCAATGGGCTGAGGTTGCTGATTACGGTAAAAGGGTTGTG
GGTCTGCGTGCATGCGGGCAGATCGTTCTTTGGCACGCATGAGCGATGAACGTGCAGCT
GAAGCTTTGGGTGCGCAACTTTATGACCAACCCGGTGGTGGGTTATTGGCTCGAACAGGC
GCTGAGGGTAAAGCTGGGCGTGCGGTCTGGATGGCCGAATTGAGCGCATGATGGTGACC
TATCAGCAAAAAATTGATGATTTGCGACGAGAATGGGCACAGCTCGGTGCACGTTTAGAG
GTTGAAGGTGATGCTGATTGATGGATGCAGCAGATCTACGTGAATCTGGGGGAGAGGGT
GCAGATGAACGCCAGATACAGCAGCAACAATTGAGTTGCCGGTTCGCTGATGTATCTGAT
TCTGTGCGCACATACCTTGACGAAGAGTTACGTGATAGTGTGATGTGAGCGCTCATGAT
CCAGTGACACCTTGGTGGCAGGTTTCAGGTCGTGTTTCGACCGGAGCATGATTTTGAG
CAGGTGGGTGGCCCTGACCTGCGCGATCTTCACTATGCCTGGTTTAGCGATCAGAAGGTC
AGTCAGCCCATTTGTGTAGTTACGGTGAGTTAGTACCCAGCGACGTTATGCTTTTGAA
CGCGCTCGGGAGTGGATGATCAGTTTCGAGCAGGAACCAAGCAGTGGCAGAAGAGCTT
GATCATGCCGGCGCGGACATAACTCGCATGGAAGCAACCAGTAGTGAGGTATCCCGTACA
GGTATTTTGCCTAGTGCCATGCTTGCCAGAATTAGAGAGCAGGCGCGACAACGCGCTCAG
CGTGACGCGAAGAGCAGGCTCGTCTGAGCGTGAGTTGGTAGCACAGCGACAACAAGAA

ATTGATCAGGAGACCACGCAACCAGCGTTCGAGGTGGTGCAACGACATGTACAACCGGAG
TCGGTGCAGATTAAGCGGGGTAGAACAGTTGCGCTAGATAAGCGAGTGCAGCCACTGATT
CGTGATGCTGTGGATCGAGCTGTGCTGGATTACAGCTGCGGAGTACCCGTGATGGTGGA
TTGGGG

>naRXA01543-downstream
TAGGCGGTTGATTAAAAAAAAG

>naRXA01544-upstream
CTAGATCTATAACGAGGATCGGCGCTACTTTAAGCATGTTTGTGCTGTTGGCGCCGATTT
TTTCATAGCTGTACACACATAAGGCAACAGGAGAAATACA

>naRXA01544
GTGAACTTGACGACGCTATGGTCATGATCGAACAGCGCCTGGTCAAAGGTCGCGGCGCA
ACCAAGACGCAACTAGCACCCCTATGAGCATATCCAGCGCAATATTGCAGCCCGAGGGTTG
AGAGCCGATGACGGAGGCTCGTGCTTCGGTTATGGGGATGCGTCGCTGAGTAATGACGAT
GTAGCAACTGCTGCAGAAGATATTCAGGATTTGTTTTCGTCGCGGCGCATACGGTTATCTCA
GCGATTGTCGTTTTTGATAAGAGCTATCTCAGTGAGCATGGAATCATGAGCTTTGATCCG
AACTATTTTGGTCAGGATATTTATGCGGACACCCATCCAGAGATTGATCTCATGGAATTG
CGTTTAGCCGTGATGAATGGGCTCTTGGGGCTTGAGGGAACGTTTTTTGAGGATATGCGT
TATGTCGCATCTATCGAGGTGAGCCGGAGCTATGTCTATGCGCACATAATGATGGCGGAT
GCAGGCGTTGACGATGCACGCGGTAATGCACAGGTGAAGATTACGGACACCGAACGAGTG
CTGTTTAGACGTGGTGTGAATCCCGTTTGTGGAGCAAGAGGCACGCAACGTCGTGCTT

>naRXA01544-downstream
TAGCCAAGGTGAGGCATCAAGAG

>naRXA01545-upstream
ATAAGAACCGACACGACGCCCTCAACGACGCTGTTGCAGCAGCTCGCAACTAGCTAGTTA
CCACGCCGTGACACACGATACGTAGAGAAAAGAGAAATGAT

>naRXA01545
ATGAAGCTTGACGGTTTTTAACACCAATTCAACCGCAGCGCAGCGGGTTGCCGAACAGGGT
GAAAAGGTACAGCTCGATGCACCGGTGTACGCGGTGTTTACCCAGATGTTGTTGAAGTT
GAGTTTATTGGCAGCAGCATGAGCCGGTATTGCACGTTGAGGGTGCCATCGACAGCGTG
ACTGCATTGTGCGAGCTACCGTACGACATTCAAAAAATTACGTTTGATTGAGAAAACCAA
CAGCGTTTTAGTGGAATTTATAAATTCAGTCCACAGCAGCATAAAGAGCTCATTGATAAA
GGTCTGTATCTAGAAGGTTTCCAGCCACCGCGGAGATGATGACGAGCCTGCCGTGGGAA
CTACCCATGAATGCCGATGTCACTGTCTGGCACCAGAGTCGAGGATGCGCCACCGATT
GTGCTTGTGGGCTTATCTGAGATTTCATGGTGTGGATTTTAGTCAAGAATCCTCTGGCTAT
GAGCTACCCAGCATGTTTGAAGACTACCGTAGCCAGCGTGAAGCGGGCGAGGCGGACAAG
GATTTCTCTGAGTCAATTTCTCGTGACAGATTGAAGGCAAAGATATTTTCGCTGATGCT
AACCGCACCCGTACCGGTGTCACTGCACATGCACAGCGCCTTGAGCAGGAGCGAGCGCTG
AGCGCAGCACAGTTGATGGCGAACTTGCTGGCATTTCCTTCCAGACTGAACCCGTGCTT
GTTGGTGCGGAAGAGAGCTTTGATGCTGAGCAATTCCCTCGCCCATGATCTTGATGACACC
GCTGGTATGAGTGAGTGGGAGCGCGAGGTTACCGAGTTCTACAACGAGAAGATTTCGCGCC
CAGGAGCCTGTGGTGGAGCGGGAGGCTGAGCGGGATAGCGATATTGAGACTGAGGTTGAT
GCAGCACCACCTGTCAGTGCTGCAGAGATTAACGATGTTATTTCATGATCTTGATGAGCTT
GAATTCGATGACGTGATTGATCTTGATGCAGATGATGTTGTCAATACCGCCGAGGTAGAG
GCGCCAGCAAGTGTCACTGCTGCAGAGATTTCTGCGACAGAGCTTGATTTTGATCGCGAG
TCACGGGCTAAGACCGCGCAGCGAGAAGCCAGCCGACGTGTTGCACAGAAGATTTCAGACT
CAAGAATCTGTGCGTGAGGCATATATTCGCGAGCAAAAGCATGGCTATGACGCATCACCT
GCGGAGGGGCGCAAGTTTATGAGAAAATTGCAGAACGCGGGCTAGATCTA

>naRXA01545-downstream
TAACGAGGATCGGCGCTACTTTA

>naRXA01546-upstream

ATAGTTAGTTGGTGACTAGCTATTGGGGGTTTTGTCTTTTAATATTATAAAAAGAAAGTG
ACAAACATACTTGCATTAAAAAGGAATTGAGATAGGCACT

>naRXA01546

ATGGCACGAGCGAAAAATAAGAAACAGCGTCAATTGCAGCAGCGTCATGATGCAGCACAG
GCTGAGATTGCAGAAGCGGTAGCGGTTAACACGGTTGAACCAATTAATGCACGCACCGGT
GGATGGCCTTCGTGGGTCGATAAGGTCTGGAAGCTCACTGGTTCACCTGGTGGTTGGTTT
GCTTTCCTGGTTTTTGGCCATCGCCGTGTGGCCGGTAGCGATCCTTGACGCTGGCACTGTG
GTCACCATCATCGGTACGTGGGGAGTATCAGTACTGCCAAGTCTGGTTATTTCCAGCATC
GGCGCTTCTGCTGGTGTGATTATCTCCACTACTGATGGGTTTCTCTTTAGCTGGGTCATC
CCGGTGCTGTTTTCTCATGATTGTGCTGGCACTGGTGGTCATGAAAGTGCTCAATCTTATT
TTTGGTGCATTGTGGCGCTTACCATGACTTTGCGACAGGGGTTATACGCAGGTCTGTGAA
AAGATTTCTCGCGACGACGCGAAGCGCGCACGAGCAGAAAAGAAGCTGACTAAGCAGCAG
GCTAAAGAAGCCAAAAAGCAGCGCAAACCTTGATGCCATTTACTCGGCTCAACAGGCTGAA
GAGACTCTGGCGCAACAGGCACAGTCTGAGCCAGAAGAGTCAGACGATAAGAACCGACAC
GACGCCCTCAACGACGCTGTTGCAGCAGCTCGCAAC

>naRXA01546-downstream
TAGCTAGTTACCACGCCTGACAC

>naRXA01547-upstream

TGCAGCGGGCACTAGAGATCGCTCAGCTGAACAAACAGGAGAACAGATAATGACGACACG
AAATGTAGATAACCAGAGTGGTGTAACTGAGGACGAGCCG

>naRXA01547

ATGTTTCGATCAGGTCAAGCGCTTTTTTGTTCGCAATATCGTCATGATCATTGCGTTGATC
TTGGCAGTGGTGGTCATTATTGTTGCCACCAGCACCTCTGCGGATCGACATGCTGTACTT
AAGCGTCAAACCTGGTGAAGATTATGGCCTTGCAACAGGAACGTGATGCATTAAACAGTAAG
CTTGAGGGCCAACTTGAGCAGGTGGTGCCTGACGCTACCGGTGGTATGGATATTGAACAC
AAGGCTGCAGATGATGCTGTTGTTTCGAGAATTTTGTCCATGGCGCTGACGTGGGACAGC
GTGCGCGACTACCTTGATGTGCGCGAGCAAGTGATGCGGGTTTATGACCTGGATGAAGAA
TCACAGTTTATGTCGGTGTTTATGCCTGGTGAAATGGCGGGCATTGCTCGCACCAGTCCA
ACTGGCGAAGTGCACTATGCCTATGATGCAGATCTGTCCAACCGCTTTAGCAGCTTAGAA
TCCGTGGTTACTCGCATTAATGGTACAGAGTACAGCTATGTATCCACGGTGACGATGAAG
TCGAAGCGCTCTGGTGGTGAGGCAGAAACAACCTCTACCTCACGCCTTGCCTATGACGTG
ATCGACGGCAAAATTCGTAACCTCGAAGCACGTACTGTCCCCGGTGGTGTGAAATACTCG
GGC

>naRXA01547-downstream
TAAAAGTTTCTGGGGCAACCCCC

>naRXA01548-upstream

GGCGTGCAGAGCTGCTGGTTGGCGCTTGTGCACCCCGTTTTTGTGTAATAACTTATATTCT
AGAAACTTCAATAACTTAGTAACCTTTAAAAGGGGTTAAT

>naRXA01548

ATGGCTGAGAATAATGGCGGGTCGGATGACCTTAAGCCCATCTCTGTGATGGGGTCGTC
AATGGGGAAGTGCAGCGACAAAGAAAAGCAGGCGTTCGAGAAGATTACCGGTGATGAT
CTGCGTCGTCGTGCAGAACAAATCCGTAAACGTCGTTTAGCAAAAGCGCAAGAAGATGCA
CGTAAGCGTAAGCACTATGTTTGGTTTGGGTCGTATCGCTGTACAGTACTGGCTGGCGCC
GTATTTATTGGTACAACGTTGTGGATCAGTACCACCTCGGGCGGCTTTGACGACAAGGTG
AGTGCAACAATGAGCAGATTGTCACTCTGCGTAATGAAGTCAACGACTTAAAAAACA
GCAGAGACAATGCCCCAAAAAGAGACTCTTGCTAGTCAATTTGACGCAGCAACCTCACGT
GCACAGAATGTGGCTGACTTACAGAATCAGTTAGCCGGCATTATTACCAGTGTGATGAT
GATGCCGCGACCGACAGTTCAAGACAATTGTTGATGAGCTGAAACCGAAATTCACGGTC
TCTGCTGGTACGACAGGTGAATTTCTGCGGCGGGTCGTTGGTACCAGCCACAAGAAGTT
GTTGTGCGAGATAACAACCGACCCACCTGGGCGCGGATGGGGGCTGAGTCCTGGGGATGG
ACTGTGACCCCTACACTGTGATGTGATACCGAGCACGTTGTGGTGTGTTGGGAGGCC
CGCTTGACCGGAGGTGACGCTTACGGTGCCTGTTGGCGTGGGTGACAGCCGATTACAAC

ATCAACACCGGCGTGTTTAGCTCGCTGGCGTTGGCGCATACCTATGAAGGACACCAGCGT
ATTGGTGCAACCACCTCACCAAGTGAATTTGGTGCCACGGCACAAATGCAGAGGCGAGC
GCTGCACGTGCTGGCAGTGAAGGCGGGGGGCTTGAGGGCGAGGCTATTTTCGTTGATGAG
CTGCAGCGGGCACTAGAGATCGCTCAGCTGAACAAACAGGAGAACAGA

>naRXA01548-downstream
TAATGACGACACGAAATGTAGAT

>naRXA01549-upstream
CAGCTTGCAATTGCTATTAGTGGCGATAATGAAAGCGATCGCAAGGTTTTTCTGGAAA

>naRXA01549
ATGGTTGATAATAAAAACTCCAGTAGCAATAGCCCCACCGCAGCGTCCGAGTACTTCCTG
CGTGAGTGGGAGCGCCCGGCAGATGTCGCAGGTAATGCACCCATTTCGTGCAGAGCAAGCA
TCTAAGTGGTACGCGCAGATGGGTGGTTGGCAAAAGAACTCAACCTGGGTGAGTCTGTG
ATCGCTATGGCTGATGGTGCAGCAGCAAAATCCACGGCGCGTGATGAGCAGGATGCTCTT
AATGATTGTCTGAAGAGGACCGCACCTCAGGTGGAATACGTCCGCTGCAGAAGCAATG
GTGACTATTTACATCCTTATCTGGCTGATTCTCGTGGCAATGACGGTACTGATATTTAC
CGCTATATCCATGATGAAGTGCTCACCGGTGATCCGTATTACGCATCCTGTGACCGTGGC
GTTGCTACCGCTATTCGCTGGTGGGCACGGATGATACGTTCCCAGCAGGTCCAACAGCA
GCACAGTATGAATACGTTGTGGGCACAGGATCGGGCCGTTGGGAGGAAATCGGCAATCTT
GCCACCATGTGCAGAGAACGATTTGTTACCTGGCGATGTGCTTCTTGGTGCACCGAATCAC
GTTGCGATGTATGTCAGCAATGAGGTTGTTGTGGACATGTTGGGCCCTGGTAATGCAGAG
CCTAATGCAGCTATTGGTCATGCATCGTTGAATGACCGCTCACCTGGTCTGGATACCTTG
AGTCTGGATGGATGGGGCGTGAACCTCAAGGTGTTCCGCAACACCCAGGCTGAGACAAAC
TCAGTGTCTCTGGTGTACAGATTCCGGCTGGTAAAGAAATTGGCGAAATGACTAACCCA
ACTCGAATACTCCTGCAGGA

>naRXA01549-downstream
TAAGTTTTTTTCATCGCTGGGTT

>naRXA01552-upstream
ACTTTGCTCTTTTTATGGCGCTGCACGAGATTCAACTCAAAGTGAAGGTCAGCTATTTGA
ACTCAGTGCAAAAGATGATCGGCATACCAAATAATGAAG

>naRXA01552
ATGTATCTGGGAATGAAAGAAGATTCCCTAGCGCCACCCCAAAATAGATTCGAGTCTCAT
AAGACTGTCTTTTCCCTAAAACAGAAAAACATCCCAATTAAGGATGCTGCTAAATCTGAT
CAGGTGAATCTCACTTGGCATGATTATCCAGGTGAATGGTTTGAGGGTGGAGCTGTAACG
GACTCGGAAAAGCAGGATAAAGTTGAAACGTTTAGAAACCTGCTGGGCTCAGATGTAGCG
CTATTTTTAGTTGACGGTCAAAAGCTGCATGATTACGCCAATGAAGAGGAGCGCTATCTT
AGCTATTTATTTGATGGATTCAATTGAAAACCTAAATCAGATCAAAGATGCAATCCTGGAG
GGTGGGAAACAGCTCCAACAGTTCCACGAATTTGGGTAATTGCTTTATCCAAAGCTGAT
CTATGGCCAGATCTCAAGTAAAAGATTTTGAGAATCTACTTAATAAGAAAGCTGGCAAT
GAAATTATTGCGCTGCGTTCAAAGCTTTTGGAGTTTATCGATAACGACGAAGCTTTCTCC
TTCGGTAAAGATTTCCCTTTTGTCTCTTTCGGCGAAGTTCACTCCAGGCCATATTGATATA
AGCCAGCGCAAGGGTGTGATGTCCTCCTCCCGTTGGCTTGTGTATTGCCCATGCAACGC
CATTTGTGGTGGCAGGAGCTGAAAGTTTGCCAATTAACCTGGCTGATATACTTTGGGA
AATGAAATTGCCCAATGGGTTTCAAGATCGTTTCCAAAGTTTTGAAAAACAAAGTATCT
GGAACAAATAACAAGCGATGGCGGCATTGGTTTTTCGCTGAACCTTGTGAGGGATATGGTT
GATCAGCCAACCTGAATTGCTTCAGAAGGCTCGTGAGGAAGCCGTCGGAAGGCGTGAATTC
CTTAAAGCGATTACTGCAGAATTCACCAGGAAGCTGAATCAAGCCGAAGCTGATCAGGTT
TTAGTTCGGGACTTTGCA

>naRXA01552-downstream
TGACACTCATGTGGGCAACCCGT

>naRXA01554-upstream

TGGCTTAAACCTTATTTGTAGTTGTCAATAAATATGAAATTCCTTAGCAACTTGTTTAA
TAGACGTATAAACAAGTTTGA AAAAGGAAGGTTATCCATC

>naRXA01554

TTGAAAAGCATGTGACCTCAGCCGTTACCGCCGTGGTGACGGCTTTTTCAACGGCTGCG
CTTGGTTTAAAGTATTGCCGTTTCTCCTGCTGTTGCCAAGTGGCTAATCCAGCTCCAGAT
CTTTCTGCGCCGTATACATGGGTGGAAGAGTTTGATTCCGAGGATGCTCTCAAAGGGTGG
AACATTTTCCGCCAGCCAGATTATGGCAGCGACAAAGTTCTCTATACCGAAGATGCTTTA
AGTATCGAAGATGGCAAGCTCACCATCACCCTCAGCGCCACTGCGTTGACGAAGACTTC
GCGATCAGTGATCCTGTCAACCGCGGAAAGCTCAATGACAGCACCAGCGCAAGTGAACCT
TGTGCTCCAGGTAGTTTGA AAAAGTTACCCAGTGC GCGCATCGTCACTCCGAAAATTGCT
CGTGGAGAGTTCGACCTTTCTGTCACTGCAACTCTTAACACCGGTGGCGTCGAAGGTGTC
CGAAGTGCCATTTGGATGCAAAACGGTGAACAGGCGTGTTCCTCAGCAACCAACAATGGC
CTCTACGGAGAACTAGACCTGGTAGAGCACTTTTCTTACGATCTTCGCTCGCCATGGTCT
CCATCAAACACCCACTTGGGTTGTGATCCTGAAAGTGTCAACGGCACCAACCGTGACCT
CGTGAACCTTAACTAGATGAGTCACTCGATGGCGTGGAGCACACCTGGACTGTGAGCACC
ACCCGCGACGGCGTTGAGTACTTCATTGATGATGAGGCGATTAACCGCCAGTCATGGCGC
AACGATGTCACTTTGGGGCATGCCGAAATTGATGATTTCCGGATCTCCGCGCAGACGTTT
GATGAGATCGTCGACCGCAATGGACTCTCACTCTTAATCAAAGGTAGAAAGCGCCGAC
TGGGCAAACACCGTTCCCTCTGAGGAAGATTTCCAGTCCGGTCCATGGTGATTGACCGC
ATCGAGGTCACCGGATCTCCCGCAGTATCTGAAGACACCCCATGCCAGATACCACCCAG
CTTTTGACCCAAGACACTCTGGAATACCTCGGTGCGATGCCAGTGCTGGAACGCTACGAG
CCAGCAAGTGCTGATTTTGCCGATGGCCGAGGCCTTCTGGAACACTTCAATTTGAAG
GAATCGTGGCAGAATCCAGAACTCGAGCAACGCCCAGAAGCTGTGCAATTCGTTGATGGA
CGCATGGATATCTGTGACCCGTGCGCACTGTCTGGCCACCAGTATGACATCGCCACTCCG
GAAAACGCACAGGAGGAACCGTGCGCGCGGGTGAGGTGACACGCTACAGCTCAGCGCGT
GTCCACCTTCCAGAGATCCCCGCGGCAACTTCCGGCTCACCGTGCGCGCACGGGCGCAG
TCCGAAGAGCTTGTGACGGCGTCCGCCCCGCTATCTGGATGCAGAACAAATACCAACTTC
TGTGCTGACAACGATGGACGCCCTTATGGTGAATGGATATTACTGAGTTCTACAGCTCT
CGTGTGAACACCCAGTACTCGGCAGTACACCTTGGATGTGCTGGCAACCGCCAGAGATG
AAGCTTCGCCAAATGGAAATGGAAGAGTCCATGTTTGGGGATTGGCATGACTGGGGCGTC
GAAGTCTTCGACGGCCAGATCGTATTACCATGACGGCAAGGCAGTAACCTCCTCTGGC
AAAGATGTCTTTGGCAACTCTGTTACCCAGCCGCTGCACCTCTTCGCCCGCGCACTTC
AAGTTGTCCGGAAGAGGAATACCGTGAAGTCATCGGCGAGCCTTGGCACCTTATTTGAAC
ACCATGGTGGAGCAGTCTGGCAAAGACAGCTGGATTACAGCGGTGACAATAACGAGGCG
TTCCAGAACACCGCTTCCAAATTGACCATGTGGCAGTAGATATCGAGTCTGACTCTGTG
GACAATGTATGGCTGACGCTGCGAATGAAATCCAGACAATGTTGGTATTGAAGACTCT
GATGATGGCAGCGACCTGGAGGTTGGTTGACCGGAAGCTCTACAGCTGAGACCGTGAGC
TGGATCTCGTTGTTACCGCGTTGAGCTCGCTGGTCTTCACTAGGCTCTCAATCAAGAA
GCATTGCAGAAATTGATTAATCAGTTCATGAGACAGTTCAAG

>naRXA01554-downstream
TAATCCTTGTGGCGCTTTGTCT

>naRXA01557-upstream

TAAAGGTGTGAAAATAGTTCTCCTCACGTGGGGAAGTATACTGATCCTTGATGCGTTAACTT
GATTGACGACGAAAAATCAATTGAAAGGATCGGGGACTCC

>naRXA01557

GTGCGAAGCAGCAATCCCGTTTTAGTTCCCTTAAGGAACTCAACGTCCACAAGGCCAG
AACCCATACGGTGGTTACGACAACCTTCGGTGGTGTCTACCAGCAAAACGTAGCTCCACAG
AAGGCGGAGCGCCCAATGACTGTGGATGATGTGATCACCAAGACTGGTATCACTCTCGCG
GTTATTATCGTTTTTGCATTGGTCACCTTTGGCGTGTGGTTGGTTAGCCCCGGCCTCGGA
ATGATCTTGACCTTGTGGTGCCATCGGTGGTTTCATCACCGTTCTGGTCAGCACCTTC
GGCAAGAAGTACGGATCTGCGGCAGTCACTTTGATTACGCAGTATTGCAAGGCCCTTTC
GTCGGCGGAATTTCCCTTCTGCTGTCCGGCTTACAGTTGGTAACGCCAACGCAGGTGGC
CTCATTGGCCAGGCACTCCTTGGCACCATCGGTGTATTCAATTGGCATGCTGTTGTATAC
AAGACTGGCGCTATCAAGGTCACTCCTAAGTTCAACCGCATCCTCACCGCATGATGGTT
GGCGTCTGGTTCTTGTCTGGGCAACGTTGTATGGGCACTGTTCACTGGTGGCGCAAGC
CCACTGCGTGACGGTGAATCATCGCGATTATCTTCCCTCTTCTGCATCGGCCTGGCA

GCATTTCAGCTTCCTCTCCGACTTCGATGCAGCTGACCGCCTCGTCCGCGAAGGTGCACCT
TCCAAGATGGCATGGGGCGTTGCGCTTGGTCTGCAGTGACCTTGGTCTGGCTCTACACC
GAAATCCTACGCTGCTTAGCTACTTCCAAAACCGC

>naRXA01557-downstream

TAGTTTACGAGCACAAGACCCC

>naRXA01560-upstream

ATGGGAGCAAGGCTCATTTAGCTACTTCGACGTGGAAGCGCACATCGTTGAGTTGATTCC
TGCATCAGTAAGCGATGCGTTTTAGGCACATCTGCGATCC

>naRXA01560

GTGGGCGTGTCTACATCATCGCCGGCGATGAGCAGCTGGATATGGCAGAAGCCGTTTCG
AAAATTGGGAGACCTTTAAAACTGAGGAAATTATCCTTGGTGGCGGAGGAACCTGAAC
TGGTCCATGCTCCGCGACGGTTTGTGCGACGAGTTAGCATCGTGATGATGCAATCGCC
GATGGTGAAAAGCACACCCACTCTTTGTTTGAAGCCGATGAAAAATACTCAGCACCGTTG
CCGATCGGTTTTTCACTCGCCAGCGTTGAACCACTAGAAGATGGAAGCGTTTGGATGCGT
TACGGGGTCAATGGCCAGTGGACGCGAAC

>naRXA01560-downstream

TAGGTAGCAAATACTCGCTCTTT

>naRXA01574-upstream

AAAAATCCGCACACCCACATTGCTCAAAGGAATTGACAAGGCGCTTCGCAAGCCGAGT
AAGGTGGGCAACGAGTCGGTGAGAGTATGAGGAATATTTG

>naRXA01574

ATGAGCAACAAACGCATCGGTGTAGTGATCGTTTCTACGGACACGAACAAGATGTTGCC
AACCTGGTAGACACATTTGCAGATCAGCTGAAAACCTGGTGACCGCGTAGTTGTCGTGGAC
AACCGCAAACCTTGGGTGTTAAAAGACGCCGTGGGGGAGCGCCTGGAAAAACACGGCGCA
GAGATCATCAACCACGACAACGGTGGTTTCGCCGCTGGCTGCAACGTGGGCGCAGCGCAC
ATCGTGGATGACGTTGACCTGCTGTTCTTCTCAACCCGACACAGTGATCGACGATCCC
ACCTGTTCATTCGCTGAGACGCGTCGATGAACAGTGGGCAGCATTTCATGCCGTACCTG
CTGCTTCTTGACAGCACCATTAACTCCGCAGGCAACGCCCTGCATATTTCCGGACTGTCTG
TGGGTGACTGGTCTGGATGAAAAACAGTTGAAGGCTCATCTGAAGTTACCGATATTTCC
ATTGCCTCTGGCGCCTGCCTTGCCGTGCGCGTGGACTGGTGAAACGCCTCGTGGCATG
GAAGAACTGTATTTATGTACCACGAAGACACTGACTTCTCCGCCCGCTTGCTGCTGGCC
GGCGGTGCAATTGGTCTCCTGCATTCCGCGTATGTACCCACCATACGACTACGCCAAG
GGTGACTACAAGTGGATTTACATCGAACGAACCGACACGTTTGTCTGCTCAGCGTGCTG
CCGCTTCCATTGCTGTTCGTGCTGATCCCGCAGATCCTCGGTGTGAACCTGGGACTGTGG
GCGATTGCCGCAAAGGAAAAGAGGGTCGGAAGTGAAGTCCCTTCGCTCCTGATC
CGCGATCTACCGCGATTTTCAAACCTGCGTAGGAGCAGCGAGGAGCTTGCCGAACCTACA
CCATCGCAATATCTGGCAAAAATGGAATGGCGCCTAGACAATCCCAACCTAGGCAACATT
GGATCCAACAAGATTGTGCGACTGGATATAAGACCTATTACAAGTTGTGTATGAGTATC
CTGAAATTGCTCGCT

>naRXA01574-downstream

TAACACCCCATAAAGAGGGTGAA

>naRXA01575-upstream

GCTGTTTTTTGATGCATCCATGATAGGAATAGAGCCTAGTGATGATGGCTGATTTTCTT
GTTAGGTGCCACCGACCCAGTGATGATAACTTGATTGTC

>naRXA01575

ATGAAATCCATTGATCTTGAGCAGCTGGCGGGCACGCAATCGCGCACGTATCAATCGCGA
AAGATCACCGATGAGATGGTTCGCGCGCGCGGTGCATGTGGCGATCGCGCTGTGGGAAGTG
CCGTGGGAGTCGGCAAAAATCCGGCAAGATTGAGGGTTGGGTTCATTGCCGTGGATTTCGCC
CGTGGGCGGTTTGTGCGCAGCGGGCAGACCAAAAATGGCGACGCCGTCAACCGGACTGTG
TCGATGCTGAAATCAGCGTTGAAAGGGTCCGCGGAAGGCGTGGATTGTAACCTGGGCGT

CGACAAGCAGCTTTACGCGCAGCCCTGGTGCAGGAAAACTACCTGGTCACCGGAAGCTTC
GCCGAGCAAAATAGGGCCGGCGTGAAGGCGTCGGCGATCTCGCGCCGCGCCGAACAATCC
GCGCTCTACAAGGCGAAAAAATCGGCGAATTCGCCGAGCGCGCCCCACGCGTCAAAGAG
CGGCAAGAGGCACATTGGTGGCCACGGTTGTACGCACGCAAGGCACCGCAGGCGTTTAA
CGCTTAGCGACGGACGCTCTACCGATGGGGTCTTCCGCGCGCCATGTGCTTCGTAGCC
TGAACGGCGACTACCTCCTGGAGACCAAGACACCAACCGCAAGCTCCGACGAATTAGAA
CTCGAAAGCATACCCACGCCCCTGATCTACCTCAAAACCATCGGCGCGACCCAGCCATC
ATCGAATCCGACAGCAAAGCCGCACTTGAAGCCATCGACTTCATCCTCAACAACCGACCG
CGCCGGGGCAGGTGGCGCGGCATCACCGCATGCGCCGCAACCGGTTCCGGGATGCCTGG
GAAGCGCTTATCGACGACTGCGTTGTGGAATTATCCCGGCTACTAGGGCAGCCGGGGAT
CCACTGAACCAAGCAGCCGACCAATCGCATACATGGGCATGCGCGCCGTAAATTTTGAA
CAAAATCCGCACACCCACATTGCTCAAAGGAATTGACAAGGCGCTTCGCAAGGCCGAG

>naRXA01575-downstream
TAAGGTGGGCAACGAGTCGGTGA

>naRXA01577-upstream
CCGTAGACATCCTCTACACCGAATACTCCATGAGCAAGGGGCAATCCCTGCTCAACGGCG
TAAACATCCTGGCCGACGGCTTCTAGCGAGGAGACTCCC

>naRXA01577
ATGACGCAGACCACCACCCAAATCATCATCCAGATACTGCTTCTCCTGGCAACCGCAGCA
CTGGCACTATATTTCTCCGAAACCGCCGCAAGCCGCGCCAAAGCATGGGTGAAAATC
GGCTTCGTAGTATTATTTTCGCGCAGTATGGGCAGTGCTCCGCCCCGATGACCTCACC
CAACTAGCCAACTTTGTGGGCGTGGACCGCGGCACCGACCTAATGCTTTACGCCCTGGTT
GTGGCATTTATGTTACACGCTGTCCAGTTATGTGCGTTTCCGTGAACAAGAGCTGCGT
TATTCGAAGCTGGCCCGCGCTGTGCTTTGCAAAATGTGGTGCTGCCGGAGGATTCCAG
GGTTCTGACCCCGCT

>naRXA01577-downstream
TAGGAAAGCGCTTGGCCTCTGGA

>naRXA01579-upstream
TGGCAGCATCCTGCGCAAGGTTGGGCAGCAGACCATTATTACGGCGAATACACCGGTCA
TTGTGAGAAGGGTGCTCAGCAGCAATGCCAGGTGCGTCG

>naRXA01579
TTGACCGAGGTATTCAACACTGACCAGCGGGTGCTTAACGCGCTTTTCAATGTTGTAGAA
GAAGATGACTCCGGCGATACCGATGATGAACAGCACAAACCACAGAATCCAGTTGCGGGC
ACCGAGTTTCCGGCCCTCGTTGAAAGCCATGAGCAAAGATCCAATGGACACCGCCAGTGG
CAGCACACCAAGCCAGTCCATCTTCGGGGTTTCTTCAGCGGTGGATTCTTCACGCTGAA
AGGCAGTGCGAGGGCAGCGACAGCGCAGAAAGCAGCCATGACCCAGAAGATGGAACGGAA
ACCAAGTGTTCAGCCAACAGCCACCAGCAAGCGGTCCACGCCGCCGATACCACCGTT
GACAGAGGTAACAATTCCGAGAAG

>naRXA01579-downstream
TAGCGCATATTGCTTTTCATTGG

>naRXA01585-upstream
TGCAGACTGCTGCGCCCCGTTCATCAGCAAGGTGGAGCGCAAGGTGCTGACCGCTGTCG
CTACTGATGAGGTGCAGTCGCAGGAAGCTCTAGAAAAGTA

>naRXA01585
GTGGTTGAGACTCTTTCTATCACCTCAGGTGCGGCTGGCCTGCAGGCGCTTGTGCGCGT
GCGGTTGGTTTGAATGAGTTGGCGAGCGCGCTTTCCGCCAGCTCACGCCAGAGGTCGTT
GATGTTTTTGTACCACTCCGTTCAACGTGACGGCGTCGCGCCGGGTATTTGGTGTGGCG
GGTCGCATGGCGCTGCAGTTGGCGCGAAGGATTGCTGCAGGCACTCAGCGAGGGCCGG

GAAGACGTAGGCACCTCCCGCGACGCCAGCTGGCCGGGCTCATTGCCGCCAGCCACGGGC
TTTACGCTTGTGACGAACCTCCACCCACGTGGTGCGCACTTTGGCTGATCAGGGTCAG
GCATTGGCTCGCCAGTTCTCCGGCCCGCTTGGCCCTCCGGCTTCGTTGATGGATCAGGAA
GTTATTTACAGCAGAAGGCAATGGCAAGAAGGCCGGAATCCCGATGCGCACGGTATTTACC
TGCACTTCGCTTGGTTTGTATCCCAGGTTTTGAGGCAGCCAATGATGTGCCGAGGCACCTG
CGGGTATCGGTGAATGGTCTGGACCCGCTTGATGCTCCCTATGGCAGTGTTTATCAC
TCGTACGGTTTGGGTCTGAGCGTTTTT

>naRXA01585-downstream
TAAAGCAAGACCCAGCCTGCAAG

>naRXA01586
AACACGCGGCGTTTCATTGAGATCGCGCAGGAAGCTCGATTGGCGTTTGCGGAGGATCAG
TTCCGTGAGCGTGGCTATGAGATCCCTGCTGTGTTGTGCGCCACTTGGAAGTTGATTAT
TTGCGTGCGATCTTGCCGGATACCCAGGCTGTCGTGGAGACACAGGTGACCAAGATC
GGTAATACTTCCTTCAGCACTCGTCAAGAGGTCAAGGATCGTAACGGTCGTGTGTCTGC
GTGGTTGAGTGCCTGCAGGTGGCTGTCAATGTGCAGACTGCTGCGCCCCGTTCCATCAGC
AAGGTGGAGCGCAAGGTGCTGACCGCTGTCGCTACTGATGAGGTGCAGTCGCAGGAAGCT
CTAGAAAAG

>naRXA01586-downstream
TAGTGGTTGAGACTCTTTCTATC

>naRXA01587-upstream
CATTTAGACTGGTCGGTGGACCCGTTCTTAGAATACTAACAAGACATTCAGTGAGAATAT
GGCTGGTGGGCAGACCACAGAAGGAACACCGCTTGGAGGA

>naRXA01587
ATGACTGATTTCTTCGGGTTGATCTATAACTGGTCAGTGACTGTGGGCTGGCTCATCGGT
ATTCTGTCTCCATTGGTCTGTTTATGATGGGTGCGTTGATGTTTCGACGCATGGACAAG
GGATCAGCGTTTAAAAAGGTTGTTATCCGCGTCGTGTACGGTGTGCTTGGCCTGCCACTG
CTTGGTGTCTCTTATACCGGTGCGCTGGATTCTTCTCGACAGCGGTAGTTCCACAAGT
GCTGGATCAAATGCGACAAAGATTGTGTTGTCCACCTACGTGGATTTCCAATCATGGGCA
GAAAACACCCGATGCGTGTTCCTGACAAAGTAACACTGGCGTGGAGTCTGGAGGATCAG
GCGCCAACAGGGCAGTCCATGCGGATGGTACGCAATTCGGCGTTGGAAATTAATGCTCAA
TCAAATGAGAGTTTACTACTTTTAAGAATCCAGGTTCCATGGATCTAGGCTATAGCATG
GACTGGATGGAAAAGATGGCGGATCCAGCCAAATCTGGCACCGATGGGACCTCATCAAGT
TCGGCGACGACTATTTTCCAGGGAACCATCGCGCTACTGAGTCGTTATATCGACAACGAC
AGTATCTCCTCTGGCAGTTTCGAAACCTCTATTGCAAGTGCGATGGAATCTTTGACCTCG
AAAGAGGGAAGTGGCGAAGCTGTTGCCGGTGGTGATGTAATGGCCTGGGTTACTGGTTAC
AACACAGCCTCTGGTCTTAATGAGATCACTGCTGCTGAATTAGCTGATGCGAACAATCCA
TTGCTTGAGGTGACGCACTCAGCTGGTCTGCAGGGACGACCTATTGACCGCAATGCGGTG
TCATTTAAATCTGGTGATGCGACAGCGTCATGCAACAACCTCAGTCGTGACAGGTTCTCGT
GCTGTGGTTCGGGACTACCGAAGTGACTGCAATATGTGCGCCTTGACGATGTACAACCTC
CTCAACACCTCATTCCATCCAGCTGATGCAAGTGTCTTTTCTACGTCCACTTCTGCGTCA
AGCTACACCCGTGCATCGCATAGCGCAGTGAGTCTTATCGGTTCTGGTGCCATGAACCTT
GTGTACTGGTTCTCTGCAATGTCCCTGATGGGTAGCTTCATCGTGATCGGTATCGGTTAC
GCCGGTGCCATGCTGTTAATACGATTTCGACGCACGCTGTCGCTCATTGGTGCCGTTCTCT
TTTGCTGCGATGGGCTTTATGCTGGTGTGGCAAGGTCATTGTGTACACCATCGCTATG
CTCGTAGAGTTATCGGAACGATCATTGTTGTACAGCTCATTACCCGTTCTTGATGGCT
GTACCAGCACTCTTTGAACAACCTTTGGCTGATTCTTAAGTAGTAACGAGAGTGCTGAG
CTGGTTGCCGGTGGTATGGGGCTAGTCGGTATGGCACTAGCTACCTCAGGCAACTGG
GCGATTGCCGGCATGGTGATCACAGTGGCCTCATCCATGGGGGTCATCATCTCACGATT
ATTGCGATGAAGTGCGCGGATCTTTGGTATCAGGTGTGATGAAACCGTGACCAAGTGT
ATTAACCGCTTCTTGATACACAGGTCTCTTCTGCAGGTGCTACCTCTGGTGACGGCATG
ATGCGTCGTGCAGCCGAACGGGTCTTGGTATTGGTGCGACACATATGGTACTCAACCGT
GATGGTGACGGTGGTGGATCTGATTACGGCTCTGGTGGATCAGGTGGCGGTAGCGATTCA
GGCTTGGGTGAGAAGGCTGCTGGTCTGGCGAAGGTTGTCACAACGTGGCTGGTGCCGGA
TTAGTCGGTAAGTATGCTACGGATGCGCTCGATAATTATGCAGATGGCGTTATCAACGGC

GACGGTGATGGTGCCTTCGCAGCAGGTGGTGACGCTACCGTTGATGGCGACTATGTAGCA
GATGGAGATGCAATTGCTTCTGCTGATGCTAACGCTGATTTTGTAGACGGGGTTGCTGAT
GGT

>naRXA01590

GGCAAGTTGAAGGAATATGCCACCTATATCGGCGCTGATCCGGCGCAGGGTTTTAAAGAC
GTAGGTCAACCAACGCCAGAAGCGCTGCGTAGCCACTATGAGGGTTCGCAGAAGGCGACT
GCAATTAAGGTGCTCTTTACCGGTGTGGCTGGTAAAAAAGAGCAGGAAATGGTGGCATTG
TGCCGCAATCTTGGTCTGACCAAGGAAGCTATGGCTGCATCAGCACCGGCACAGCAGTCG
ATTCTGCAGGCGAAGCACGACCCGATTGACGCGCTCTATCGTGCAGAACTCTTATGGGA
CCAGTAGGTGATCTCTACCAAGGTGCAAGATGCGTCGTGGTGAGAATGAGCAAGGTGCG
TATGAGTGGGAAGTCGTTAGGGACGAGAACCACCAGCCTATCCAGGCCACCAAGGATGAA
TGGGTACAGCAGTACATGGAGATGTACGCCGATGACAAGGGTATGGGTGTCTCGGTGGC
GTTGACCAGGTGGAGAAGATCGCGGAAGAATTCTCTGATGAGCAGGGTTATATGCGTGTG
CTTAGCCATGATGAGCTACCCACTGAGATTAAGCCACTAGCACTTGATCAGCTTGCCCTAT
GGCGATAAGAAGAACCGCTTTGATTTGTTGTGCGAGATGGCAAAGCAGCAGGTCAACATC
TACGACGGTGATGCTTATGACTTTGCCCTCGTGTGGTGCGGCCAATATGAAGGCAATG
GAGGATGCAGCGCTTTTGGTATCCCTGATGTGGAGATTCAGTCGATTTCTGCACAGCAG
TCATTGGCGAGCTTTGAGCGAGTCCACACGTTCTGGTTTCCGTATTGAGCGTCGTGTG
CCGGCAGAAGTAGGTACAGGGATTGCTGCACCAGCACCGTTACCTGATGCAGGTGTACAG
GGGAATTATGTTACGAGCAGGTGCCTGCGACCCCGCCAGTTATGCCTGTACACCTCCG
GCACAGCAACCTGTTTCGCCTGCTCAGACGGACTTCCGGGGCGTGGTCAGCCACTCGAC
CAGGGCGGAAAAATCGGGAATTATGGACATCAGGGACCTGCAATGGGGGCGCAACAGCCA
GTTGTGCTCAGCAGCAGAATATTCCGCCTGTGCATAATCCGGTACCACAGAATTCTGTT
CCGCTACTCCGGTTGTGCCGAAGCCAGGTACAGGAAACCCGTTTACTCATGGTGGTGCG
AACAATCAGTTTATGGGTGATTTGATACAAGCCGTTACAACCAACAGGAACCACCACAA
CGACAGGATGGCGGGTTTGTAGCTC

>naRXA01590-downstream

TAAATAATGGCAGTAGATTTTCAG

>naRXA01592

AACCTTCGACCGCTCTCGTGACAACGATCGCTCAAGCGCCCGCACTCCTCGTGGAGACCG
GGCGATCGCGGTGGCTACCGAACTCCCGCGGCAACGATGACCGCGGAACTACCGTCAA
AACCGAGATGGTGAATCACGAGATCGCGGCGGATACCTCGGTGACCGTCGCGACAACCGC
TCAGGTGAATATCGTCAACGTGACGATAGGCGTGACGATCGTAGGGACAACCGAAGCGAT
GACCGCCGCGGTGGTTACCGCTCCGATCGCAACTTTGACGATCGCAACAGCAACATGCGT
GATGATCGTCGCGGCGGCGACCGTTTATACAGCCGTAATGATCGCTCCGATCGTGGCTAT
CGTAGCAATGACCGCTACGACCGTAATGATCGTCGCGATGACAACAGGGACACCAGGGGT
GGCGATCGCGGAGACCGTCGCTACGACAGGCGCGATGACCGACGTGATGATCGTCGCGAT
GATCGTCGTGGCGGACAGGGCCAGGGGCGTCCAGGTGGAGATCGTCGACATGCGAACCCT
GCAGGTGCAGGTGCGGATCAGCAGCGTGATTCGCTGCATCCACAGCGCGCTGGTTTCCGT
GAAGAGCGCTTGAACACTCGTCTCAATGAGCCTGATTTGCCGGGCGATATTGATATCAAG
GACTTGGATCCTTTGGTCTGCAGGATTTGAAGTTTGTCTAAGGACAACGCAGATGCC
GTCGCAAAGCATATGATCATGGCTGCGACCTGGCTGGCCGACGATCCTCAATTGGCACTG
CGCCACGCCCCTGCTGCGAAGGATCGCGCGGGACGCGTGTCCGTCGTGCGTGAGACGAAC
GGCATTGCTGCTTACCATGCTGGTGAGTGAAGGAAGCTCTTTCGGAGCTTCGTGCTGCG
CGCCGATGTCGGGTGGTCTGGTTTGATTGCTGTGATGGCTGACTGTGAGCGTGGCTTG
GGTCGTCTGAGAAGGCGATTGAGCTGGCTCGAGAAGAGGATTTGAGCTCTTGGATCAG
GATAACCTGATCGAGTTAGCGATTGTTGTTGCTGGAGCACGCCATGATTTGGGTGAGCAT
GACTCTGCGATTGTGGAATTGCAGAAGGTTAATCCAAGCTTGAAGAGCACCGGTTTCACC
CATTCTCGTTTGTCTTACGCTTACGCCGATGCGCTTGTGTTGGCTGGTCTGGCGATGAA
GCACGTGAGTGGTTCAGCACGCTGCCACCTTGATGAGGACGGCTACCTCGATGCAGAG
GAGCGTATCGAGCAGCTCGATAATGGGAACAAC

>naRXA01592-downstream

TAGACTATTGGTCTAGAGTGTA

>naRXA01595-upstream

AATACTTCCTGTGGCTGGTTAAAGATGGTGGCGCTTCAATGCCGGATGACCAGCAATTGT
CGGCAATGATTGACACGGCTGTAAAGGAAGGTCCGCAATA

>naRXA01595

ATGACTGCACCCACGAACGCTGGGGAACCTCAGGCGAGTTTGTGCTGGTTCCACACACCGGG
CGTTCTTCCAATATTGAATCCGCCATCTTGGCAGCCAAGCTGCTCGACGATGCTGGAATC
GATGTGAGGGTGTGATCAATGATGCAGATGATCCAATTGCAGAGCACTCCGTTTTAGGC
CGTTTACCCATGTCAGGCACGCTGCAGACGCCGCTGACGGCGCAGAACTAGTTCTGGTG
CTGGGTGGAGATGGCACCTTCTCCGCGCAGCAGATATGGCCACGCTGTTGATTTGCCT
GTTCTGGGCATCAACCTAGGCCATGTGGGATTCTTGGCTGAATGGGAGTCTGACTCACTT
GAAGAGGCACTCAAACGTGTGATCGACCGGATTACCGTATTGAAGATCGCATGACCTTA
ACTGTCGTTGTCTAGACGGCGGTGGAGAAGAAATCGGCCGAGGCTGGGCTCTCAATGAG
GTCAGTATTGAAACTTAAACCGCAGGGGAGTGCTCGATGCAACCTCGAGGTAGATGCA
CGACCAGTTGCTTCTTTGGTTGCGATGGCGTGCTGATTTCCACCCCAACCGGCTCCACC
GCTTATGCATTTTCCGCCGTTGGTCTGTACTGTGGCCAGAACTCGATGCCATCTTGGTG
GTTCTTAATAACGCCACGCGCTGTTTACCAAACCGCTGGTTGTGAGCCCAAATCCACC
GTAGCTGTGGAATCCAATTCAGATACTTCAGCAGCGATGGCCGTCATGGATGGTTTCCGT
CCCATTCTATGCCTCCAGGATCCCGTGTGAGGTCACCGGGGTGAGCGTCCCGTGCGT
TGGGTGAGGCTTGATTCTTACCGTTTACCGACCGACTTGTGAGCAAATTAAGGCTCCCC
GTTACCGGTTGGCGGGTCCGCAAAACAGGCGAAAATAAAGATCCCAGGTCAGCGGGG

>naRXA01595-downstream
TAATTCGAAAACCATTCGAACAA

>naRXA01597-upstream

GAGTAGAACCACTTCTCGCCGCCAGTGCATAAGAGTTTCTTGAATTTTTTAGGCGCGC
CTCCACCAAAGGTTGAGACTTTGGTTCCACAATGGGCTGC

>naRXA01597

ATGAGTCTGTTCAACCGCAAAGCCGACCTGCCCCGCCCTGCAAGGTGCCACCCGAATCTGC
ACCCCGCAGGGCAAAGGGCTAAAGCGCCTGTCCGAAGGCGATCTCGCAATCATTGATGCA
CCAGATCTATCCAGGACCTTCGCCAACGATTGCTAGCAGCAAAACCCGCCGAGTCCTC
AACGTTTCCCGGTTACCAACCGGATCGGTGCCCAACTTTGGACCGCAAATGCTTATCGAC
GGCGGCATCCAGCTCGTGAAGGCTTTGGCCAGGAGCTGCTCGACGGCACCAGACGGT
AAGAAAGGTGCGCTGACAGAAGATGGACAGCTCTTCTACGGCGAACGACTGATCTCTAAC
GGCAGTGTTCTCAGTGACCTGCGGCTGAAAATGCATTTGCAGACGCCAGCAATCACTG
CTGGACCGCATGGAAGCCTATTTGCGCAACACCATTCAGTTTCACTTCACTCAGAAGCACCG
CTCCTGATCGATGGCCTCGGCATTCCCGATACCGGAAATGCCATTGAAGCCGCAAAGTT
CTCATTGCTTACCAGGGGATAAACACCGCAGCAGGCTCAAAGAACTCCGCAGCTTCATC
CGCAATACGATCCAGTACTCATCGGTGTCGATGGGGCAGCAGACACCTTGGTGGAATTG
GGGTACAAGCCCGCGCTGATCGTCCGCAATCCCACTGGTATCGGCGCAGATGCGCTGCGC
AGTGGCGCCAACGTAATTTTGCCAGCTGATCCAGACGGCCACGCTGTTGGTCTGGAGCGC
ATCCAGGATCTTGGCATCGGTGCGATGACCTTCCCATCCTCAGTAAATTCCTCCACGGAT
CTGGCGCTCCTGCTTGGGATTTCCACAACCCGAGATGATCGTCAACGTGCGCGGTCTCT
GTCACCTTGATGGTGTGTTTTGAAAACCGAGAAGATTCCGATCCCGCGGCGCTTTTGACG
CGCGCCAAGCTAGGCACCAAGCTTGTGACGGATCCGTCATCGCAAGTCTTACACAGTG
CGCAGCTCCAGCAACCTTGGATGGATGTGGGCACTGTTAGCCATTTTGGTGGTTCTTGCA
GTCGTGATTGTTATCGCTGGCACCAGGATCAGGCTCTTTTACCGACAACCTCATTGAC
ACCTGGAACAGCTTCGCGCTGACAGTGCAGGGTTGGTTCAAA

>naRXA01597-downstream
TAGGAAGGCAACATGGCTAAACG

>naRXA01598-upstream

CGCTGGCACCGCAGGATCAGGCTCTTTTACCGACAACCTCATTGACACCTGGAACAGCTT
CGCGCTGACAGTGCAGGGTTGGTTCAAATAGGAAGGCAAC

>naRXA01598

ATGGCTAAACGACGTGGAAGAGGCGCCGCAACCTTCGCCGCACTGGGATTGTTGGTGCAGCA
GCCGGCATTGCCCTTTGGAACCTTATGTGCTTGACCCCAACCTTCCTGAAAACATTGACCCA
AATGCACCAACATCAGCTGAATTAGTCGAGGCAGAGACCTTGGCTGAGGTAAATGCGGTG
CAGGCCGATCAAGCAGACAGCATCATTGACCACATCGTGGAAGACGTGGTGGCTGGCACA
CTGACCGATCGCCCCGTACTGGTGATGCGCACCGCTGACGCTGAAGAATCAGACGTTGCC
GATGTGTCATGGCTGTTGCAGCAAGCAGGAGCTATTAATGCTGGATCCATTACACTTGAG
GAGAATTTCTTCTCCCAAGACGGCGCGGACCAGCTGAAATCAATCGTGGCAAATACGTTG
CCTGCAGGCGCTCAGCTTTCTGAAACCCAACTGGATCCAGGAACCTCACGCTGGCGAGGCA
CTTGGTGCCGCTTTGCTGCTCAACCCTGAAACTGGTGAACCACTAGCCAGCACTGCAGAG
CGCGGACTATTGCTCAACGTGCTGCGCGACAACGGTTACATCTCGTACGAAGACGGCACC
ATTTTGCCAGGCCAGGTTCATCGTGATGATTACTGGCGATAGCGACGGCTCAGGTGATGGT
GCCTTCGCTGCAGAAACACAATCGCTGTTTCTGCTCGCGCACTTGACGCCCCAAGGATCAGGC
GTGGTGGTTGCAGGACGTATTCACACTGCTGCTGATACTGGAGTTATTGGACGGCTTCGT
GCCAACCCTGATGCTGCAGAAAACGCTCTCTACAATTGATTCCGTGAATCGTACTTGGGGC
AAGATGGCTACCGTGCTATCAGTTCGTGAGGAACTAGCCGGTAGGTCTGGAGCGTTTGGT
TCCGCTGCCCTCCGAGACGCGGCAAGTCCGTCTCTCGATGGAACCTGCAGCAGCGCCAGCG
CAG

>naRXA01598-downstream
TAGGTTTTCCAAGCCTTTAAAAC

>naRXA01600-upstream
TGAGTACAAATCTCGTCCAACCCATGCTCATCCACTGTTTTACGGCCTGGTGAAGACCGC
TTTGGAGCTGCGTGTCACCCTTAGATCTACAATGTGATC

>naRXA01600
ATGGTTTCGAAGATGCACATTCCCGGTACCCATGAGTTCACGGTGACAGATACTGAACTG
TTGTTAGAGTCCCAATTTTGGGCGTTCGTGAGATTGATTGATCATGCCGGTGGTTCC
ACTGCCCGCCGTGAAGTGGTTGAACACTTTGGGGCGGTGCGAGTGGTTGCCCTTGATGGT
GAAAACATTGCGATGGTCAAGCAGTACCGTCGAGCGTGGGGGATTCCCTTGTTGGGAGCTG
CCTGCAGGTTTGTGGATATTGCTGATGAGGATGAACTCACGGGCGCGCAGCGCGAGCTC
ATGGAGGAGGCTGGTTTGGAGGCCAGTGAGTGGTCCGTGCTCACTGATTTGATTACCTCG
CCTGGTTTCTGCGATGAAGCGGTGCGTGCTTTCTAGCCCCAGGCGCTCACAAAGGTTGAG
CGCCCGAAGGTTATGGGCGATGAAGAAGCGGACATGATTAACCAGTGGGTTCCGCTACAT
GAGGCAGTGGGAATGGTGTGTTAGTGGCCAGTTGGTTAACTCCATTGCCATTGCGGGTGTC
ATGGCTGCTGATGCTGTGATTGCGGGTCGTGCGTCTGCGCGTGCCGTCACCGCGCCGTTT
ACCTATCGCCCTACGGCGTTGGCGCAGCGTCGAAAAGCGCACGGCATTGTTCTTGACATG
AAAAACTA

>naRXA01600-downstream
TGAAGGCTCGCGTTTGTAGCGAAA

>naRXA01602-upstream
TGCAGGCCACATGCCCTCCAGTGCCGTCTCTGCACGTTGATTTTCCCTGCCACGACTGG
TCGAGGGCGACTTCTAGCACTTTTAAAGGAATTTTTTA

>naRXA01602
ATGGCTAAAACCCATATTCCGTTACAGGACCTTTCCCTGTCATACACCTCAACCCCGTTA
ATTACGAAGCTCAATATCACTGTTTCTTCTGGACAGTGCGCAGTGATTGTTGGTGAGAAT
GGTCGAGGTAAAACACACTTCTGCGAGCACTGGCTCGAGAATTCGCCCATCTGCAGGT
GAGATTCTCACTCATGGCACGGTAGCAATTGCTCATCAACACATGCCTGCAGGTGATCTG
TCCGTCGGAGAGATCTGTGATGAGGCAATTCTGATTCAAAGAATGCTCTCGAAGAGCTT
GAGAGAGCTGGAGCTCTACTTGAGACAAACACTGCGCACGCACCTTGATGGATATCAACAA
GCCCTTGATGCCGCTGAAGTGCTTGACGCATGGAACGCTGAACATCGATTAGAAAAAGCT
CTGCGCAGCTTTGGCGCGATACCGATAGATCCCGTGCACTCAGTGAGCTATCGATCGGG
CAAAGGTATCGGGTACGGCTGGCCTGCCTCATCGGTGGCGATGCTGATATTTGCTTCTC
GATGAACCCACCAATCATCTTGACCGGGGCGCGCTTAACCTATCTCACCGAAGCCATAACC
TCCCACAAAGGTGTGTTACTTGTGTTTCTCATGATCAAGCACTGATCAAAGATGTGCGG
GATTTTCATCATCGATATTGATTCAACCCAGACGGCCTACCACGGATCTATCATGAGGGT

TTTGATTCTTATCGACGCCAAAGGAGTGCCTTCTTGAACTTGGAGGCAGGATTATGCC
GCTGCACAACTGTGCAACAGCAATTGCAGGAGGATCTAGAGCACGCACGCCAGCGGGTG
AATTCTTCGTGGAAACCTCCAAAAGGAACGGGAAAACACACTCGCGCATCTCGGGCTCCC
GGAGTGGTGCAGGCCCTTAAAGCGAGCACAGGATGCGTTGGATAGCAAAGCGTTGGACGTT
CCCCCGGCTCCGGCCCCATTGCTTCTGCCTACCTTGAAAGTGCAGCCAGATAAACCCATG
GTGGACTTTTCGGACCTTTTGTACCCACCGCTTGCCTCTGCCAGGCTCACATTCAGTG
GTATCAGGTGACAAAATAGTGATCACTGGTGACAACGGCGCTGGCAAATCAACGCTCATC
GAAGTCTTGTCTGGGGTTTTGACTCCGGCAAGTGGTTCGGTTGCAAACCATGCCCGAAT
GGGGTTCTCGGCCAAGAATCACTTGTTCGGCGAGGTGCCATCAATAGCACGAGATCACGCA
GTTAAGTGGGGACTTTTAAGTGTGAGGAGAGCCGATTTGCCCTACAGGAATTCTCAATT
GGTCAACGCAGAAAGACTAGATTTGGCCATGTCGTTAGCTGGCAATCCTGAACTGTTGCTT
CTCGATGAACCTTCGAACCATCTGTCTATGCCTTGGTTTCCGCACTTACAGAGTGGCTG
GACACGACCGCGGCTGCAGTGATCATGGTAACGCATGATCGACAGCTACTCCGCGATACG
GCTCATTGGAGGCACATCGAGTTGAAATCT

>naRXA01602-downstream
TAAGAATTCGCAAGGGCTTTCAC

>naRXA01605-upstream
AGTCAAGCGCCGAAGAAAGGCCGNGAAGGNAATCAGACGACGGGCACCTACTACTTCGG
CATTGAAATTCGGAAGAACTTCAGCGATTCTATTGCCAGC

>naRXA01605
GTGACCAGCGATTACCCGCGCCAGCAACCGTCAACGCGGTATTCAACAACAGCAACGGC
TTCATTGCCTCCATGCTGGGCAACCAGGTGGTCAACACTGTTGTGGAGACCATGGACACG
GAATTTCGGCGTCCGCATTGTGGATAACATGCTCGTCGGTTTCTCCACCTTGGGCGACGGC
ATGAACCAAGCCGCCGAAGGTGCCACTACGCTCAGCGATGGCGTTCGGTTCCGCCAACGAC
GGTGCAGTTTTCAGTTGCCGACGGCGCGGTACCCCTGCGCGACGGCATCGCAAGTGCCAAT
GAGGGTGCGAATCGCTTGCCGACGGCGCCAGCCAGCTCGACACCGGCCTCGGCTCCGCG
GCTACAGGCAGCCAAACGCTCGCCGACGGTCTATCCAGCCTGTCTGCGGGCACCGCCCAA
CTAGGCCAAGGCGCAACCCAGGTTTCAGATGGCGTGGGCCAACTTGTGACCAAGTAGCA
CCACTGACCGCCTATGTTCCAGACATCAACTCTCAGTTGATCACCCCTGCGCGACGGCGCA
GCCACCATTGCCTCTGAACATATCTGATCCCTCCAGCACCTACCGCTCCGGCGTGGACTCC
GCTGTGAGCGCATCCAGCAACTAGCAGCCGGCCTGCAAACCTGAAAGACGGATCCAGC
CAACTCAGCATCGGTGCACGCACCCCTCGCTGATGGCACCAGCCAATTGGCCGACGGTTCC
GAACAGCTAGTTGTTGGCGCACAAGCACTGCGCGACGGCACCGTCCAGCTTGATGAAGGC
TCCAGCGAACTCGCCCTCAAACCTACCGACGGCGCAAGCCAAGTACCAACCTTCGCTGAC
GGCGCAGACACCACCATCGCAACCCAGTTGAAACAGAACAAGCAGGAGACACCACACCG
CTCTTCGGTATTGGTCTCGCACCATTTCTTCATGGCTGTTCGGCCTGTTTCATGGGAGCAACC
GTTGCCTGGATGATCCTGCACCCAATCAGTCGCCGCGCACTCGACTCCCGCATGGGAGGC
TTCCGAGGCACCCCTGGCAAGCTACCTTCCATCAACAGTCTTAGGCCTTGGCCAAGCAACC
ATCATGTGGGCAGTACTGTACTTCTGCTCGACCTCAATCCAGCTCACCCAGCTGGACTG
TGGATGGCGATGGTCCGCATCTCATGGGTATTCTCTCCATTACCCATATGTTCAACAAC
GTGGCAGGACCCCTCCGACGGCCGTGTGCTGTCCATCGTGATGATGTCTTCCAGCTAGTC
TCCTCCGGTGGCCTATACCCACCAGAAACCCAGCCAGCATTCTTCCACTGGTTCCACACC
TACGACCCGATCACCTACGCAGTCAACCTCGTGCGCCAAATGATCTTCAACGAAACCCCA
TCCAACGACCCACGCTTCATACAAGCAATCTGGGTACTGCTCTTCATCTGGGCACTGATG
CTCGCCATCTCCACCCCTGGCGAATAGAACAAACAAGGTCTTCGCATGAAGGACTACCAC
CCAGAACTGAAGGTC

>naRXA01605-downstream
TAAAAGCTTTTCCCGCCCGGTTT

>naRXA01610-upstream
CATTAAATCACATGTGGTTAATGCCTTTTTTTGATTGCGTAGACTAGGAAGGTACGTCAACT
TCCATATCTTTAGTTTTCGAAAGCGATCAACTTAAACAC

>naRXA01610
GTGTCCGGTTTTCTTACTCCCCCAGCTACACCCCATATTTCGGACGGCAACTGCCAGTATT

GCTACCGCAGTTGCCGTAGCACTGTCAGTGTTGCGTGCTGCACTCATTCCAGGAAGCGCT
CTGTATTCTGTGCTACCGCTGGAGGGGTGGCACTTGGAGCAGCATCAGGCGTTGCCGCG
TTACGCCATCGCGGAGGGCTTCGCATTTTTCAATGGCTGTCTGCGCTTGGTGGAAATCGTC
ATTTTGCTGATCGGTATCGTAGTGGCAGTTGCAAAGTTGGGGCCTCGGCAAACTTGCC
ACGTTAGGCCTGGTGACCTCGTATTATCTCATGCCGTCTGCGGCATTGGCCTGTTATATC
GGAGGGCTTGGCCAGCTACCAGCCAAATGGATTGCGCCAGCGTTTATGGCTACGGCTGGT
GCAGGTGCTGCGGGATGGTTTTTCATTGGGGGCAGGCACCGGTTTTGAACGGTTCCTCATT
GCTGTTGCAGCGGTGTTTTCACTGATGGGATGTGTATACCCAGTGTGGGGATGCGTCGTA
AAGCGTCCACGTCAAGTGGCTGCATGGCTGGTCGCGCTGGCGGCCCTGGTGCTGGGGCG
CTCATGCTTTTTATGGTGAGCATGGTGGTGGCGCCGGGTTTGTGTGGCTGCAGCCCACG
ACGGTCGCATGGGGTTTTATGATTGCCGGGGTCTTGCGACGGTCGCAGGCTTGTGGCCT
AGGCGTTTT

>naRXA01610-downstream
TAGACGGAATCGTCTGGGAGGGT

>naRXA01611-upstream
CCCGCTTACAACACTTGGTTTACACCGGTGTTATCAAGGGCTAAATCGCCTAACCTCTA
TCTTCATCTATAGCTTAGCTTTACTGAAAGGCTTTTCATC

>naRXA01611
ATGCGTAAATTCCGCAACACTGCAATTGCACTAGTTTCTGCAGCTGCAATCACCTTGGGT
GGCGTTACCGCTGCTACCGCTCAGGAAGACGAACTCCTCCTGCAGCAGAGACCGAGACC
ACTTCTCCTTCCGGTTCCTCAGGCTCTTCTGGAACGACTACAACGAAGAGTACGAAGGC
GACCAAGAGGGCTACGGAATCGACGGCTTTGGTCTTCCCGCGATGACTCCGGAGAAGAA
GTTCCACGTTGGTTGGAGACCTGGGGCAAGGTATTTGACGCTTTGACCATTACCTCCGTT
CTTGGTCTTGTTGTCTTCCCTGTTGTTAACTTCCTGAAGTACAACGGCCTCATTAAG

>naRXA01611-downstream
TAATCTGCAATTTCCCTGTCAAAT

>naRXA01612-upstream
GAAAAAACGACGTTGGTTTCGTAGTCGCTGGAAATTTAATAATTCCCTCCGTCCCCTTCAAC
TAGGGGGTGGAAACCCGACTATTTCCGAAGGACTATTCTC

>naRXA01612
ATGCGTTCTTTCCGTACCGCGGCAGTTGCAGGCCTTACTGCAGTTGCACTTTCCGTAGGT
TCCGCCACCGTGGCAACTGCGGAAGAATCTGATCAAAACCTCTCATCCGGCTTCTCAGCA
CTTTCTTCCGGTGGCGCAGCGGCCGTAGGTGAGGACTGGGATGCAGACCAGCCGTCACA
GGTGAAGACATCTTTGGTGAAGAGCACGAGCGGATAACGAAAACACCCAGCGTGGGCT
AAGAACATGTACGATCTAACCGTCTTGGGTGGCATTGCTTCCCTTCTCGGTGTCATCGTA
TTCCCGCTTACAACACTTGGTTTACACCGGTGTTATCAAGGGC

>naRXA01612-downstream
TAAATCGCCTAACCTCTATCTTC

>naRXA01618-upstream
GGCCGTGCGCGCCTCCAGCGAGCCTGGCCGTGCCGGAAGTGCTCATTGTTTTCTAAAC
GTTTAAGGCCCATTAGACCCCTGATTTAAAGGATCTCAC

>naRXA01618
ATGATCATTATCGGAGCAGTTTTCGCCATCCTCGCAGTTCTACTGCATGTTTTCATCTTC
TACATGGAATCATTCGCATGGACTAGTGAGAAAGCACGTGGAGTTTTCGGCACCACCGAA
ATCGACGCCGAAAACACCAAGGAGATGGCCTACAACCAAGGCTTCTACAACCTTTCCTG
GCAGTCATCGCCGGCGTGGGTGTTGCGTTCCTCTTCGCTGGTTCAACTGGCATCGGCGCA
GCCCTCGCACTCGCTGGCACCGGTTCCATGCTGGCAGCCGCTGCAGTGTGGCTTTGAGC
TCACCCGACAAGCGTGCTGCAGCCTTCAAGCAAGGCACGTTCCCGCTGCTCGCAGTGCTG

TTCCTTGTGATTGGATTGCTGGTT

>naRXA01618-downstream
TAAGCAGTTTTTTAAAGGAACTT

>naRXA01619-upstream
CCTGCAAGTTTACTGCTCGGCCGTCACGGGGGAATGGAAAAAGTACGCTTGGTGTTCATA
TAGCGAACCCATTTCTATTGCGATGAGAGGAACACCACC

>naRXA01619
ATGCGCGCAATCACTCACAACACTTTTCGGCGACCCCGCCGACGTCTACAGATTACCGAG
AAGGAAATTCCCCTCCCGGCCAGGTCAGGTTTCGTATTCAAGTGACGCTGGCAACCATC
CACAACCATGATTTGTGGACCGTGAAGGGCTCTTACGGCTTCGTCCCAGATCTGCCGGCC
GCCGACGGCACCAGGCGAGTCGGCATCGTCGACGCCCTGGGCGAGGGCGTCGAAGGTTTG
CAGGTCGGTCAGCGTGTTCGTCCGGCACCAGCTTTGGCATCTGGGCGGAGTACGCGCTT
GTCGACGCCCTCCGGCTCATTCCCGTACCAGAACAGCTCTCCGACGAAAGCGCAGCTCAG
CTCGTCGCAATGCCTTTTCAGCGCCATCAGCCTTCTTGATTTCTGGATATGAAACCAGGG
GAGTGGCTGATCCAAAACCTCCGCAACGGTGCCGTCCGGCCGATGCTCGCACAGCTGGCA
GAATCCCGCGGCATCCATGTCGTTGGTCTCGTCCGCCGTGACGCCGGTGTCCAAGAACTC
GCTGCTCAAAACATCAGCGGCGTCGTTTCCACTGAGACCCAGGCTGGGAAAAGCAGGTC
GAAGACATCACCGGTGGCGCAAGCATCGCCGTGCGCACTTGATTCCGTCGGTGGATCCTCC
GCAGCTGACCTGGTGAAACTGCTTGGCGAAGGCGGCACCCTCGTCTCCTTCGGCGCCATG
GGCAACCCAATCATGGAAATCCCATCCGGCCCCGTCATCTTCAAGCACATCACCGTCAAG
GGCTTCTGGGGAGCAAGTCAAGCCGCGAAATGCCAGCAGAGAAGAAAACCCAGTTGTTT
GGCGAGCTCATTGCGCGCATACTTGATGGAACATTGACCCTTCCAGTTGATTCCACCTTT
GATGCCGCTGACATCGTCTCGGCCGTGCGCGCTCCAGCGAGCCTGGCCGTGCCGAAAA
GTGCTCATTTCGTTTC

>naRXA01619-downstream
TAAACGTTTAAGGCCCATTAGAC

>naRXA01622-upstream
AAGGCGTGGGCGTTTTTGAAGGAGCTTCGTTTGGAGCGCGGTCTTTGGATCGTGAAGTT
GCCATCGCAGAGCTGAAGAGCTGGTGGGAAGGAGAAAACA

>naRXA01622
ATGAGTGATTTTTATGCCGACAGGTTGTTTAAACGCGATGGAGCGCAATGAGGTAGCTCCA
GGCATGTTGTTGGTGGCTGCGCCCGATATGGCGTCGGAGGATTTTGAGCGCAGCATCGTG
TTGATCATCGAGCATTTCTCCTGCCACCACTTTTGGTGTGAACATTTCTTCACGTTCCGAT
GTTGCTGTGGCCAATGTGTTGCCCCAGTGGGTGGACCTCACCTCGAAGCCACAGGCACTG
TACATCTGGTGGGCGGTTGAGCCAGCAGGCTGTGGTTGGTTTGGGCGTGACCAAGCCGGGC
GTGGATATTGAAAATTCCACCAGCTTCAACAAGCTCGCCAACCGCCTGGTGCACGTGGAT
CTGCGTTCTGCACCTGAAGATGTGGCTGATGATCTTGAGGGCATGCGCTTTTTTGCGGGC
TACGCGGAGTGGGCTCCGGGCCAGCTCAACGAGGAAATTGAGCAGGGTGATTGGTTCGTC
ACACCTGCGTTGCCGTCCGACATTATCGCGCCGGGCCGCGTCGATATTTGGGGCGACGTG
ATGCGTCGACAAGCAATGCCTTTGCCGTTGTATTCCACGTTTCCGTCGGACCCCTTCAGAT
AAT

>naRXA01622-downstream
TAGATGAGTTCCGAAAATTTAAA

>naRXA01623-upstream
CGCGCCGGGCCGCGTCGATATTTGGGGCGACGTGATGCGTCGACAAGCAATGCCTTTGCC
GTTGTATTCCACGTTTCCGTCGGACCCCTTCAGATAATTAG

>naRXA01623
ATGAGTTCCGAAAATTTAAAAGAAATTCGCGGCGGAATCGGTGAGACTTTAACGGTCGGT
TTGGGGCTGATTCCGCTGGGTTTGGCCTTTGGGCTGTTGATGGTCCAGACAGGTTTCGCC

TGGTGGTGGACGCCGATTTTCTCCTTCGTGATCTATGCCGGTTCGATGGAATTTCTGGCA
ATCGGCATGGTCACCGCAGGTATCGGCCCGTTTTCGGCGGCGGTGCTGGTTTCATGGTG
AATTTCCGCCACATTTTCTACGGTCTCACCTTCCACGCCACCGCATCAAGTCCGGCGCC
GGCCGCGCCTATTCCACCTACGCGCTTACCGACGAGTCTACGCCATCGTGTACGCCCCG
CCACCTGGCGATATCAGTGGCACGCGGTGCTTACCGTTCAAATTTTGTGCCAAGCTCTG
TGGGTTATCCCAAGGAATTATTGGCGCCTTGGTTGGTCAAGTGCTGCCGATGATCTAAAA
GGCATGGATTTTGCCTGACCGCGCTGTTTGTGGTGCTGGCGTGGGAGGCATTCAAAAAAT
AACAAGGATTATTCGCTGCCATTATTCGCGGTGGTATTGGCTCTGGTTTCCGGTTTGTG
GCGCCCGAGCAGATGCTGGTTATCGCTTTGACCACGTACTTTTTGATCCTTCTTCTCCGC
GTCCGCTTCCCAACCTGGACAAGAACTGGAGATCAGGACTTCCCATGAG

>naRXA01623-downstream
TGAGTTTGGCCTGCCAGAAGGCG

>naRXA01624-upstream
GAGCAGATGCTGGTTATCGCTTTGACCACGTACTTTTTGATCCTTCTTCTCCGCGTCCGC
TTCCCAACCTGGACAAGAACTGGAGATCAGGACTTCCC

>naRXA01624
ATGAGTGAGTTTGGCCTGCCAGAAGGCGTCACGCTGCTCAACGTCGCCGCCGTGTTGATC
CCCATCGCGATCATCACCTTGCTGCTGCGCATCTTCCCCTTCGCCGCGATGAAACGCGTC
AACAGCAACCAACTCATGGGAGTTTGGGGCGCACAATGCCAGTCGGAGTGATGGTCGTA
TTGGTCATTTACACGCTCTTTGGCCAGGTCAGTGCGCCAGGTGGTGTGGGTGCTTCACTG
ATCGCGGTGGCATTACCGCGCTGCTGCACTGGTTGAAAGGCTCCGCCGGGCTGTCCATC
GTCGGTGGCACCTTGGCCTACATGTTTCTGGTCAACGTCGTTTTT

>naRXA01624-downstream
TAAAGATGCTTCTCGACGCAA

>naRXA01627
CGCACCTATTACCATCCCTGAAGGATTACAACCTCTGATGAACCCCTCACTGTTGGGGCCT
GCAGAAGACCCCAACATGTATCAAGAATTCGAAGTGCTACGAGCAGCTCGGCATCAAA
CCAGAGGGCCGACCCCTGATCGGCGATTCTTCAGCGCGGATTTCTTGACCTCCAATGAA
ATTGGAATAGTTGATGAGGTTCTTCTGGAACGATCGCTTTCACGAACGGAAGGACGTA
ACCGAAGGTGCGCACAGTTGGTATGTTGCTCCGAGGATCCTTTCCGGCGCGTCGAGATT
TCACCCGTGCAGTCCCTTCATTGCGGGGAAGAGGCTGGCGGGAACGCGCCCGGCACTGGA
AGCTCCAATGGCGGTTTCATCCACGGATTATGGGGTGCGCTTGCGGAATTCCTTGCCGGA
GCGGCAGCCCTGGCTGGAGCTGCGATCGCATTTGTCCCCGGAATTTGGGACTATGTGACC
AACGCATTCAAGCGA

>naRXA01627-downstream
TAATTATGGATAGGTAAACGCTC

>naRXA01628-upstream
CTTCCCCTTTCAGCCCGTTGAAGAACCAATGAGCCCTGCCCGCACCCAGCCCCGAGCGGC
TTTCTTAAGGAAGCTCCGACCCATCACATGTAGCCTTTCC

>naRXA01628
TTGGTTCTCGTAGGGTGACGCAACACGGCAGAGTCCACGACCACCGATACGGCAGGCTCC
ACTGAACTTCATCACAGATTTACCCACCACTCCAGTCAGCACCACCGAAGCAGCGCCG
CCTGAAGATCCAAGCGCAAACGCTTTGGAAGAGTATGCTCAGATCCTTGCCAATCCAAGC
ATCTACCCCTTAACCGAAATTTACAATTCGTCCCCACAGGCACATATGCCTACACACTT
GTTGAAGCAACTTCCGATTCCATCCAGAACTACTACTCCGCGCCGATAGTCACGAATTC
GCGCCAATTTGGTTTTCACCTATGACGAAAACACAAATCCGCAACCCAAGCTGGAGGA
GTCCTAATTGACGGTGTGCGCCAGCGCCGGCGGTTACGAGTCAAGGTCAGAGCTTCAAT
TCAGGAGCAGGAATCTACCAATTGAATTGGTACTCGATAACAAGTTGGCGAAAGCTCT
TTGTACGGAATCCAAGGAACTCCCTGACACAAATCGCAGACCCCGAGGATTTTCATGGTC
CGTGAATATTACCTGACCACCACGAAATTACCTGGGTTGATTCCAACGACCCCTCCGGC

CTATCAACCGTTCAGACTGGTGGAGCCAACATTCAACAAGCAGCCCCAACTCCCGTTCAA
CAGCCTGCGTCAAACCTGCACTACTTCTCTGGTGTAGTAACGATGCAGACCGCCGGCGAA
CTCATGCGAGGTGAACGAACTCCCAATGGTGAGCCTGCCACTGATCTCTATCTCGTACTG
GTCCTTGATTCCCAATTGAAATCACAGCACGAAACGCAGCTACAGACCCTCAGACTCGT
ACCATTTCCGAAGTCAGCCTCGGCCGATACATCCCCGCTGATGGTGACAATGATTGGATA
GGCTAGGTEGAGACCCACGTGGAAATCACTGCAACAACGGATCAGGCTCGTTCCCAACC
GACACCGGTCTACCTCTTGGAATGCTTCGTCTAGCGGACTACAAAAGCATCTCA

>naRXA01628-downstream
TAAACCGACGCACTCGTCGA

>naRXA01630-upstream
GTAGGTGAGTCTTCGTGAGATACCCCGGCCAGTCATACAGTTCAACCAAGCTCCACCAC
CCAGATAAAAACCTGCGGGTTGCGTTTTAGGAGAATTCCC

>naRXA01630
ATGAGTGATCAAAAAATTGTTGTTGGCCTGCTAGGCATCACCCACCCGATGCGTCGGCG
CGGGTGCCTGCCCTCCGTGAAATTGATGGGGTAGAGGTCGTGCGCGCCGCGGATACTGAT
TCCCGCCTCCAGTACTTCACCGACAAATATGATGTTGAACCCCGGAGATCGATGACGTC
TTGAACGACGATCGCATCAACGCCATCATGGTTCCTCCAAGAGCAAGGACATGGTCCCT
CACGCCAAGCGCGCTCGCGGCCGGAATCCGTGCTCGTGGAAGCCCGCGGGGGA
ACAGTGGCGGATCTTGAGGAGCTCCTGGCCCTCAAAGAAGCTGCCGATCCTCAGCGAATC
GTGCAGGTTCGGGTACAACGTCCGCTGTCTGAATCGGTTGAGAGATTAAAGAGCTTCTC
GACGCCGCGCTCATCGGCGAAGTCGTGAGCGTCAAGCACGCGCGCGCCGAAAAGTAGGT
GAGCATATCACCGAGCACCTCAACCAACCCGAGACATGGGCGGTGTGTTGTTGATTCTT
GGCTGCCACATGCTCGATGCATTGGTGGAAGTCTTCGGAGCTCCAGAATCCGTGAACGCC
CGAGTGCATAAGACCGCAAACTCTCTGACGACACCAGCCGCAAGACTCAGCCTCCGCA
CTGCTGTACTACCCAGATTTCTCCGTGAGCTTCAGCTTCGACGGCCACGATGATCTGGAA
TGGTTCGAAAGCTCCCGACTCACGGTCTATGGAACCAAGGGCATGATCGAAGCCGGAATC
CTCCCTCAGACACTGCGCGTATACCTCAATGAGTCACGCCAGGGCTGGCCACAGGGTTGG
ACCGAGTGGACCCAGAGTACTTCACCCACCGTTTGTCTGCACAGAATCCAACAAATTC
TCAGAGCTTCCAGAGCTAGAAAACATCAGCAACTTCCGCAAGAAATGCAGGGGTGGGTG
AATTCCATTGCACTGGATCCCGCAATGTGGCGCCAGTTGAGGATGCTCTCACAGTCGCT
CGCATTGTGATGCATGCTACGAATCCGACAACAACAGGGCATTTCGTAACATC

>naRXA01630-downstream
TAAGAGGAGCACTCCATGAAACC

>naRXA01634-upstream
ATTGGATCTAGGAAAAATTATGAACATCTCAAAGCTCGGACTGAGGATCGCGGTCACAGC
AACGGCGACCACAACGGCGCTTGCCCTCGGTGGCACGCAC

>naRXA01634
ATGGCAGTTGGTCAAGAACTGATCTGCTCAACGCTATGGAAACACTCGCTGGGGTTCCC
TCAGACTTGGTGGTCACTGAAATCCTCCCCGATACCAACAGCTATGACAATTTGAATTC
TTTGAAGTTCACAACACCGGCAGTGACCCGTGACCATTTGGGGAAGGGGAGTACACCTTC
GCCTATTCTTTGACGATTCCGCCGATACGTCCCGCGACAAGGCACTGGATCTTGGCGGG
GAAGTCACGGTAGATGCAGGCGAAACATTGTGGTGTGGATTGAGTACTCCAGTTCAACT
GTTGATACCGCTGCGTTTAGTGAGCAAGACTTCCGTGATTTCTACGGCATGGATTCTCA
GCCCCATCTTCCGAGCAACTGGCCAGGCGGGTCTCGCTAACGGTGGTGATCGTGGCATC
CGAGTTCTGTACAATGGTGAAGTTTCTGGTTGGTCCCACTACCCATCAGATAGCGCAGCG
GTTCAAAAGGGAATTGACTTCGCGCTGCCAAAAGTAGGGGAGCAGGCCAGCATTGCAAGT
GCGCACCAAAAC

>naRXA01634-downstream
TGATCCAACCTCCAGGATCAATTA

>naRXA01635-upstream

AGGGAATTGACTTCGCGCTGCCAAAAGTAGGGGAGCAGGCCAGCATTGCAAGTGCGCACC
AAAACCTGATCCAACCTCCAGGATCAATTACTTCTGATCAAG

>naRXA01635

TTGATTCTGGCGGATTGGACACTCCAGAAGAGCCTGAAGCCCCCTGAAGACTCTCTTTTT
GAAGGGCGCACTGCEEEETAGGGATGCAAGCACCCGCTTGATCCTCACTGAACCTAATGGTC
AACTCCACCAACATGGGCAGTTCTGATGGTTTTGAGTATGTGGAAATCACCAACACTACT
GCCGAACCCATCGATTTTTCCGATTACACCTTGAACCTGTACCCGCAGGATGAGTTC
ACCAACACCAACGAAGCCGCTCTGGGCTGCGGAACCTGGTGATGTCATTATTCAGCCTGGA
AAATCTCTCGTGTTTTGGATCAAAAATGGCCCCAATGATGAGGCAACCGCAGCAGATTTT
AATGCAGAAATATGGCACCAACCTGGAGGCTGGAAAAGACCTTGTTGAAATCTCCTCAGGT
GGGATGGCCAAATGGTACTGCCAGAGGAATGCAGATTAGACCAACACTGGCCACATAGTC
AACCGTGGTTTTCTACAACATGGCTGGCGCTTCTGATGTGAAAGCCAACGAGGGTCTTCAT
TTCGCAGTGGATGAGTCTGATCTTCTGAAGCAAACGCTTGTGCGCAGCGGTGCGCCAACC
CCGGGCACCTGTGTACACTTCGCAGATTCCCTAATCCACTGTCTGCCGTTATCGCTGATTCT
TCTGTACCACTCATCACAGATAATACCGCAACCAGTATCAACCCTGCGGAGCCGTTTACC
TTCGCCTTCAAATATCACCGA

>naRXA01635-downstream
TGATGTCCAGGTGCGCACGGCAA

>naRXA01636-upstream

GCTGATTCTTCTGTACCACTCATCACAGATAATACCGCAACCAGTATCAACCCTGCGGAG
CCGTTTACCTTCGCCTTCAAATATCACCGATGATGTCCAG

>naRXA01636

GTGCGCACGGCAACACTGCATGTTACTTCCAGTGCTGGCGAAGCCGCGACAACCATCAAC
CTCACCGAGGATGACGGCTCTTTCAATTGGGCTCTGCCTGCAGCGGATCTCACCGGAAAA
TCCTGGTTTCAATACACCGTAACCGCCACCGACGGATTCAACAGCGTTACCACCGAGCCG
GTACGCGTCACCGTCGACGGCGCCAACACCGACCCGCTGCGCCTCAACCTGGAAGAAAAC
CAATGGGTCACTGGCACCAACCGATGTTATCGGTGCTTCAGATGTCTTCGGCGACAAGCTT
GAATTGCTTATCGACGACGCGCCTGCAGTCACCAACTCCAGCCTGTCTGCGGCCCGGACG
TTTGGATGGAAGTAACCCAACTGATGTGTTCTTCCGCAACGGCATCCTTGCCGGTGGG
GAAGAACTCCGCATTTTCGATCAAGGAACCTACGCCAACACCGAAACCATCTCCACACCA
GTCCCGCTGTATCACATCAATGAGGACGGTACCCTCACAGTCAGTGTGTATGCGGGAAC
AAAGCAGCACCGAAATTGACCTCAACGAGAAC

>naRXA01638-upstream

TTTCACTGGGCCAGTGGAATCACGGCCGGTAGATAAGGTGGCGGAGATTTCAACGCAGGG
GGAGACGTCGATAAGCAATCAACCCCAACCCAGCCACC

>naRXA01638

GTGCTCGTGACCGAGGACCTGCTTATTGAGGCGCCATTTGGTTTTGAAATGCGAAGCGAC
GAACAGTCGCGCTACCTGGAAGGCCCGACCCGAATCTGCGCATCCACGTGGGCGTCGAT
CCGCTGCACGGCGCGGACGCCGCGCTGGTTGCCGAAGAGCTGCGCCGCTGATCACCGAG
GATCCTTCGCTGGAGGAAATTCCTCGAGGGGAGTGGGGCGAGAAAACACCATCGACTAC
CGCGAAACACCCGGCGATGGCTCTCATGTGCTGTGGGTGACCTGGTTTGACACCGACCGA
CAACTCAACGTTGGGTGCCATAGCAAAGCCCGAAACCTTGTTTACAAGGCACAATGC
CGAAATGTGATTGAGCATCTGACGCTGAAA

>naRXA01638-downstream
TGATGCCGGTTTCTATCCGGAAT

>naRXA01639-upstream

AGGCATCAAACCCACAGCACAACCACAGGACGTGCCACGATGTCCATCCGTGGTGAAAA
CATCGGTGTTGCACAGATGGCACCGCATAGGTGATGACTC

>naRXA01639

ATGAGCACCCAAACAATCACCATCACAGTCCTAGAAACCGCCACCATCTTTGACGGCCCT
 GAAACCATCTACCGCTATGACCTGGCTGCCGAAGGCATCCTTGATGGATGGGCTCACTCT
 GCTGTGCTGGATCAAGTGAAACAAATAGCAGGTGAAACTGGCCGACTGTTGAGATCGTG
 GTGGATGGCACCAGACAACGTAGTCAATGCACTCACCTCCATGTTTGCTTCCAAAGGCGTG
 ACCTGCGGTGGGTGGAGTAGAAGCACCTCCCGTTGCGGAGGAACCACCGAAAATTAAA
 CGGCCCACGAGTGAAAAACAAGTCCGCCAGTTCTACGGCATCAAGCCACTACACCTGTTG
 TTGGTCAGCATATTGGTTGGTTCTATTGCTGGTATTGGGGATTTGGGGTTTCACTGGGC
 CAGTGGACTCACGGCCGG

>naRXA01639-downstream
 TAGATAAGGTGGCGGAGATTTCA

>naRXA01641-upstream
 GTGAAATTAGGGGAATTCTCACCAACGCTGCTCCCCGTCCCCTTTTGGCTGGCATACTCAA
 AGACACATTTGTTGGGGGACAATTTGGGGGTGGTTATT

>naRXA01641
 TTGGCAATCGATAATGCGCTGCGCGTGAGCATCCGCATAGATCTCACCGTTGGCGATGCG
 CCCGCTGCTGTGGCTGATGTGGCGCTACCTGCAGGTTGAGTCTGGCGGACATTTTGGAT
 GAAATTTTAGAACTACCGATGCACCCCGGATTTCCAGGCCGTGGGTGGCTCACACTGCT
 GCGGGAAGTCCCATGATTGCGGGATTCCGCTTGAGAAACACAAGTGAACAAGGCAGC
 GTGGTGGTCCCTTACCCGAAAGGGACTTGGAAGCCCCCGTGTGCGTGATGTCGCCGAA
 GCGTTGGTGGAGTTTCTTCCACGAACCGCGCCGGGCACCTCGTGGAATTGATGACTTTC
 GCGGGGCTCATCGGGGCTGCCGTGTTAATGACAAGTCTGCTGCCTCCGGAATTATTGTG
 CCCGGCCGATGGGAATCTTCGTGCAATCTGCGCTCTACTGCTTCTGTGGCTCCCACCC
 GCGCACACCCCGATCCTTCGAAACGTCTGCCGATTACCCTGATCTTGGGCGCAGGCGGA
 GCGGTATCAGTGTGGTTGCAGGCACTTCTGGGACTTCTCCCGGCGCGCTTACCTGGACG
 ATTTTCGCTGGCGCGTGCACTATTCTTGCCAGTTCGCTGCTGGTTTATGTGGTGTATCGT
 CCAGCAATTCTTCTGGTGGCAACACTGTCCACATTGGGGCTCGGTCTCTTAGTCTTGA
 GCAACCACCACTCTGTGGAAGCTCAAAGCTACCGAAGATTTAGCGGTCCAGCAGCGATC
 ACGGTCACCGCTTCCACCATCACCATGTGCTTCGCCCCGAAATCGCAGCATCGCTAGCA
 GGCCTGCGCGTCCCATCGCTTCCCACCGCCGCGAAGATCTCTCCGTGAGCGACCTCACC
 ATGACTGATCCCGAGAAAAGAATAAAAACAACAAAGACGCTTTTCGACGCCCAGATCCTT
 GGCCTTGGCGTTTTGAGCGGGCCTTTGGCGTTGTTGTCGGTTACCCCGGGCACCTGGACA
 ACCACCGTTTTTATGTTTATGTCATCGCGGTGGCTTCGCTGCTTACGCTAATCGTCATCAA
 GCACCAATTCCACGTTGGACATTGATGGGGTTATCTGCCCTTGGTTTCAATTCCATGGCG
 TTATCCGCAAGCCGATCAGGTTTACTAATTGCACTGATCGGTTCTGTGGTTATCATCGCT
 GTGCTGGTCAGCGTGGCATTGTGGATCAGTACAGTCCCCACGCTGGAACCCACCACTT
 GTGTGGCTTGAAAGGTTGGAATCACTGTGTCTTGAGCTAGTCTGCCACTCGCACTGCAT
 TTGCTGGATGTATTGGAATGCTGCGCGGTCTTGATATTGGATTCCGGTGGA

>naRXA01641-downstream
 TAAGATGCGCAGACTCATCGCGG

>naRXA01642-upstream
 TTGGAATCACTGTGCTTGCAGCTAGTCTGCCACTCGCACTGCATTTGCTGGATGTATTT
 GGAATGCTGCGCGCTCTTGATATTGGATTCCGGTGGATAAG

>naRXA01642
 ATGCGCAGACTCATCGCGGTTAGCTTGGCCGCTCTGTTTATGTTGGCTTCCACTCCAGCG
 ACGAGGGCACAGGAAGTAGAAGCTCTCGCTTGCCCCGAGGTAGCGATCGCCGATCCTTCC
 TCCGCACTTTTAGATGAACACCTTTTCGAGTCATTATCCCAAGCTCACCAACTAGCAACT
 GGCGCCGCTGTGATGGTGGCAGTCATCGACACCGGAGTATCCCTGCATCCACGTCTGCC
 CACTTAATTCCCGCGGTGATTTTCGTGGGCGCCACCAAAGCCCCGATGTGCCAGGTGAA
 CTTATCGATTGCGACGGCCACGGCACCATCGTCGCCGGAATCATCGCTCCCAAGGAAAC
 CCCGGCACCGGCTGGCCATATGACGGCAGCTCCGATCCTTATATCGGTGTGCCCCAGAT
 TCCGGAATCATCTCCATTAAACAAACCAGCTCATATGTGCGTACTCGTGAAGATTCCAAC
 GTCGGAACGCTGAGCACCTGGCGGAATCCATCCACCGAGCTCTCGATTCCGGTGGCCAC

GTGATCAATATTTCCGTGGTGTCTGTTTGCCCCAATCACCCGACGAGGCCGCATCGTTC
 CAGCCTCTGACGGATGCTCTTAACAGAGCAGAACTTCAAGGGGTGATAGTGGTGGCAGCA
 GCAGGAAACCTCGGGCAGGATTGTCCAGTTGGATCTACCGTTTATCCTGCACATTGAGAC
 ACTGTGCTCTCTGTGTGGGCACGTTTTGATTCTCACACGCTTGAGAAATATTCATGCCT
 GGCAACCAACAAATCCTCTCTGCACCAAGCCACATTCAGGCTGGTCTATCACCGCGTGGC
 GACGGCTTCGCCAGCCACATGATCACCACCGCTGGCGAAAGCCCCCTTCGAGGGCACCAGT
 TTTGCCGCTCCAGTTGTGACGCCACAGCTGCACTGCTTCGCCAGCATTTTCCCTTTGCC
 ACACCCTATGAAATTCGTGCACGAATCTTCAACAGCATCGACCCTGCAAGAGGCGCTATT
 GATCCCTACCTGGCACTTACTCAAGAAATCTATCCCACCACTCCCCTGGTTCATGAGATC
 GCACTAAGTGTTCACGCGCCGCGGATGATTCTCCACGGGAGCGGGGCATCCTAGTTACC
 GCAATCATTGTTGGGTTGCTCGCAGTGTAGCTGTGCTGATGGGACTACGCCGAATTCAT
 CATCACTCGGCCTTTCAAAAAGCTAGCTCAAGTGTATCACT

>naRXA01642-downstream
 TAATCTATGAGGCACCGTTCAGA

>naRXA01643-upstream
 CGGATTTCAACACTTTCAGGATGCATCTGTAACATATGCCCATGCCACACCCCATGTTTAT
 CGATGTCTCCTTCCACCCGCGGAGACCTGTAGTTAACCC

>naRXA01643
 ATGGGCACGATGCGAGAAATGGTTCAGTGACCGCATTGACCGACTACAAGAAGCACACGCG
 CGATCAAAGCAGAAAGTTTCGGCTTCTTAGTTCGGCCAGGCACCCTGATCCTTGGATGG
 TTGGTCACGATCATCGGTCTGATCACCATTCCACTTCCCGGCCAAGGCTGGCTGACCACC
 TTCATTGGTGTGGGCATTTTGTCTCTGGAGCTTAAATGGGCGAAGAACCTCCTGGCCTGG
 GGAGTGCATCAGTATGATCGCTTCTTACCTGGTACGGCAAGAAATCATTCGCTTCCGC
 ATGGCGATGTTGGCACTGATGATTCTGCTGATTTGGGTGGTTCATCGTGACATTTTGG
 TTGATGTGGCAGCCGGAATATCCCGTGGGCAGATGAGTTCTTACCTGGCTTGGGTTG
 AGCCGC

>naRXA01643-downstream
 TAGCAACTATTCGCTTTGAAGGC

>naRXA01645-upstream
 AGAGGGCATCACCTATGACCGCCTGACAATCCGCGATTACATCTGGCGCTGGGACACCGA
 CTGGTTCTGGTGTTCACGCGCATTCGGCACCCAAAACCC

>naRXA01645
 GTGGTGCAGCAACTCTGGCCCAGGGATCTGCTGCGCTCGAGTTTCTATTGGAAGATCATC
 GGCTGGGATCGAAAACTCCATCGCTGATCGCTGGAAGAGCGCAAAGGCCGCCGCT
 AGGGAACGGGTGGTCCAAGACGTGGAAGTTACGATTGATAAACTGCCAGAAATTTTGAAA
 TGGTTCTTTGAAAGCAGCGACATCGAGCCGCTGTGGCTGTGCCCGATCAAGCTTCGGGAG
 GTACCAGGTAGTTCGGTTGGTGTGGAGAAATTTTGAGCTCCGCTGAAGCAATCGACTCC
 GGTGCTGCTGAACACCTTGGCCGCTGTATCCCTTGAAGAAGGACGTGCTGTGGGTCAAC
 ATCGGATTCTGGTCTCAGTGCCGTTGATCTGATGGGCTCCGATGCACCAGAGGGAGCA
 TTTAACAGAGAAATCGAACCGCTCATGGCAGAGCTAGGCGGACATAAATCGCTGTACTCC
 GAAGCGTTCTACACCAGGGAAGACTTTGAAAACTTTATGGCGGAACCATCCCGCGCTG
 CTAAGAAAGCAGTGGGATCCCCACAGCCGATTCCCCGGTTGTATGAAAAGACAGTAAAA
 GCGGCC

>naRXA01645-downstream
 TAGGATCGCTCACTGTAGGTAGA

>naRXA01646-upstream
 GGTGCTGCCGTGGAGCGTGCTGCGATTGTTGCCGCGAGGGAAGTGAATTAGCAAAAGAGAC
 AGCGCTCGCGCCACCTATTAAGGAGTATGGTGGCCTTAC

>naRXA01646
 ATGAGCGGATTAGTTGACCCGGATAGTACTTTTTTAAAGACCATCGGAAACTGAGCAAC

AGCTTGTCCATTGGTTCGTGGAGTAGATCAAAAAGAGGTAATCCCCAAAGGCTGGAACGCC
 CATTGGGAGGCAATTACAAAGCTTAAGAGAAGCTTTGACGCGATTCTGCTGGGGAGCGG
 GTGCGTTTAGCTAAGAAAACCTCCAACCTGTTCCGTGGACGCTCCGATGCAGGTCACGGC
 CTAGATGTGGCAGCGCTTGGGGGAGTGATTGCCATTGATCCGGTCAATGCCACCGCCGAT
 GTACAGGGCATGTGCACGTATGAAGACCTGGTAGATGCCACTTTAAGTTATGGTCTGATG
 CCGTTGGTTGTGCCTCAACTGAAAACCATCACGCTTGGTGGCGCAGTGACCGGAATGGGC
 GTGGAATCCACATCCTTCCGCAACGGTTTGCCACACGAATCAGTGCCTGGAGATGGATATT
 TTTACCGGCACTGGTGAGATCGTGACTTGCTCGCCACAGAAAATGTCGACCTTTACAGA
 GGTTTTCCCAACTCTTATGGTTTCGCTGGGATACGCGGTGCGGCTAAAAATTGAGCTGGAA
 CCAGTGCAAGATTACGTCCAGCTGCGCCACGTGCGCTTCAACGATTTAGAGTCTTTGACC
 AAAGCGATTGAGGAAGTCGCGTCTTCTTGGAGTTTGATAACCAACCGTCGATTACCTT
 GACGGCGTGGTGTTCACCCACGGAAGCCTACTTAGTTCTTGGCACGCAACCTCACAA
 CCTGGCCCCACCAGCGATTACACCAGGGATTTAAGCTAC

>naRXA01646-downstream
 TAACGCTCCCTGCAACACCCAGA

>naRXA01647
 ATGCCGCGCGAGTGCCGGTGGGGGTTCTGATGCGCCGGGGCTTTTCAGCAGCACCGAA
 GAACCCGAGCAAGATTGGTTTGTGTGCCAGGATGTGCGCACTGGGGATCTACACATTACG
 GTTCCTAGGGGCGGACTAGGGCCACCTGATTGCGGAAGGAAATGGGTGGCTGGGGGCG
 TCGAAAAGCGAAACCGGCGAGGTACCTGGAACCTGATTACCGCGGACGGGCGCCGCGAA
 CTGCCGCGTGGGGCAGCGAACATGGGCGCATTATGCGCCGCCACCTGGGGATTTCCGAG
 GACACCCCGCGGTATACCTGACCCTGAGCTGCTCAACGCGATCCCCGAGCACGACGCG
 GTCCGCTTCCAGCCCCGCTGCCCCGAGCTTGTCGACGCCTCCACCGCAACTGGTTACGG
 CTCGACGGGGCGCTCGCCGAAATCACGCCGCTACAGCGCGGGTTGCTTATCGACGCCGGT
 TCCGGTGTTCCTCCCGACCCACCGCGCTTCTTGGTGTGCATGAAGAAACAGCCAACACC
 TTGACGCTGCCGAGCAACAGTTTCTTGGCAAGATCTGGACGGTGGTTTTCCTGCGCG
 GATGGTGAAGGCCAGATCGGTTTCTTGGAACTCTGGAATCGGGGGTGGCGCTATCTGGT
 GATTCCAGGGCGAAAAGTTTACGACAAACGCTGGTGGGGCAGTGGGCGTGACAGTGGC
 TTTGGCTACTATGTGGTCTCTGATTTTGGGCTGATGCACCCTGTTTCTACTGGTGAATCG
 ATGGTTGCCCTAGGAATCACTGACGTGCAGGTCGTGCCGTGGAGCGTGCTGCGATTGTTG
 CCGCAGGGAAGTGAATTAGCAAAAGACACGCGCTCGCGCCACCTAT

>naRXA01647-downstream
 TAAGGAGTATGGTGGCCTTACAT

>naRXA01656-upstream
 TCGGCAAGCATGGCTTCATCGTCCTCAAAAAAGTGGTCTAATGCAAGTGAAGTGG
 ATCTACCGCTAGTCCACTTTGTGGCGTTGGATCATCTGTC

>naRXA01656
 ATGACCGAACTCAAGAACTTACCAAGCAACCACTCGTGTGAAGCGCGGCCTTGCCGAC
 ATGCTCAAGGGTGGTGTGATCATGGATGTGGTCACCCCTGAACAAGCGCGCATCGCCGAA
 GATGCAGGTGCCAGCGCAGTTATGGCACTCGAGCGCGTTCCTCGCCGATATCCGTTCTCAG
 GGCGGCGTTGCTCGCATGAGTGATCCTGACCTGATCGAAGGAATCGTCAATGCGGTCTCC
 ATCCCGGTCTATGGCGAAAGCTCGCATCGGTCACTTCGTGGAAGCTCAGGTTCTGGAAGCT
 CTCGGTGTGATTTCATCGACGAGTCCGAAGTTCTCAGCCCTGCCGACTACACGCACCAC
 ATCAACAAGTGGAAGTTCGACGTTCTTTTCGTCTGTGGCGCGACCAACCTCGGCGAAGCT
 TTGCGACGCATACCGAAGGCGCTGCAATGATCCGTTCCAAGGGCGAAGCCGCGACCGGC
 GATGTCTCTGAAGCTGTCCGTACCTGCGCACCATCCGCGGCGACATCAATCGCCTGCGC
 TCCCTGGATGAGGATGAACTCTTCGTGCGCCGAAGGAATTCCAGGCACCATAACGACCTG
 GTCCGCGAAGTCGCTCCACCGGCAAGCTCCCTGTGGTCACCTTCGTTGCAGGTGGCGTC
 GCAACCCAGCCGACGCTGCACTCGTGCGCCAAATGGGCGCCGAAGGCGTCTTGTGCGC
 TCCGGCATCTTCAATCCGGCAATCCAGCCGCGCCGCGCAGCGATCGTCAAGGCTGCA
 ACGCTTTTCGACGACCCCTCCGTATTGCCGACGTATCCCGCGGCCTGGGTGAAGCCATG
 GTGGGCATCAACGTATCCGACGTTCCAGCACCAACCGACTCGCCGAGCGCGGCTGG

>naRXA01656-downstream
 TGATCGTTGGAGTTTATGCTCTC

>naRXA01658

GATCCACAGATCCTGTACCAACCTTCACCCAGCAACAGCAGCTGCGAAACTTCTACGGT
 TTCCCAGACCAGCTGGCGATGGACCGCTTTGAAGTAGATGGCAAACCTCCGCGACTTTGTT
 GTGGCAGCACGTGAGCTCGATCCAAACGCCCTGCAGCAAAACCAGCAGGACTGGATTAAAC
 CGTCACACTGTTTATACCCACGGCAACGGCTTCATTGCAGCTCAAGCAAACCAGGTGGAT
 GAGGTCGCCCGCGACGTGCGATCCACTCGTGGTGGTTACCCTGTCTACACCGTCTCTGAT
 TTGCAGTCGAATGCTCGTGCTGCAGAAAGCGAAGATGCTGAGGAGCTTGGCATCAAGGTT
 GATGAGCCTCGTGCTACTACGGACCACTGATTGCTTCTGCGACTGATGGTGTGACTAC
 GCAATTGTCGGTGACACCGCGATGGCCCAGTCGAGTACGACACTGACACCTCCAGCTAC
 ACCTACGAAGGTGCTGGCGGCGTGGACATTGGAAACATGGTCAACCGTGGCATGTTTGCA
 TTGCGCTACCAGGAAATGAACATGCTCCTGTCTGATCGTGTGGTTCCGAATCCAAGATC
 CTATTTGAGCGGATCCTCGTTCCCGTGTGGAAAAGGTTGCACCTTGGTTGACCACTGAC
 TCCAAGACCTACCAACTGTGATTGATGGTCGCATCAAGTGGATCGTCGATGGCTACACC
 ACCTTGGATAGTCTCCGTACTCCACGCGCACTCACTGACGGAAGCGACTCAGGATGCT
 GTCATGCCTGACGGCACCCACAGCCACTGATCACAGATAGGGTCGGTTACATCCGCAAC
 TCCGTGAAGGCTGTTGTTGATGCGTACGACGGAAGTGTGAAGTCTACGAATTCGACACC
 GAAGATCCTGTTCTGAAGGCATGGCGTGGCGTGTCCCAGACACCGTGAAGGACGGGTGCG
 GAGATTTCCGATGAGCTTCGCGCACACCTGCGTTACCCAGAAGATTTGTCAAGGTCCAG
 CGTGACATGCTGGCCAAAGTACAACGTTGATGATTCTGGAACATTCTTACCAACGATGCG
 TTCTGGTCTGTCCAGGTGACCCAACTGCAGCGGAGGGCCGCCAGGAACCTTAAGCAGCCT
 CCTTACTACGTGGTGGCAGCAGACCCAGAGACCGGTGAGTCCAGCTTCCAGCTGATCACC
 CCGTTCCGTGGACTTCAGCGCGAGTACCTCTCTGCACACATGTCTGCGTCTGTGATCCA
 GTTACCTACGGTGAAATCACTGTTTCGTGTGCTGCCTACCGATTCTGTGACCCAGGGTCCA
 AAGCAGGCCAGGATGCGATGATGTCTGACCAGGTTGCTCAGGACCAAACTGTGG
 CGTGGATCGAACGATCTGCACAACGGAACCTGTTGACCTTGCCAGTTGGTGGCGGAGAG
 ATCCTCTACGTTGAGCCGATTTACTCGCAGCGCAAGGATCAGGCA

>naRXA01659

CCAGAAGCTGTGACTGCTGTGTGGATGGAATCTGATTGGGTGTTGGCGGAAACCATCAAG
 GGTTCACGCTTCCGATTGGGAAGAGATTTTGGGCCGTTGGCGCTGCTCACGGACGCG
 TCTTTCACGTTGCCACCTCGTTCCACGCGTGCAGCAAACTTGGATTTGAAGCATTGGA
 CCAAGCCGTCTGAAGCCGAGCAGCCAGAAAAGCCAGCGTTTACTCCCAATGCTTCGGAA
 GAAGATTTGTCTCAGCCGTTGGTGATCCGCCCCGAGGAGCCGTTGCAGATGCCGGTTCGC
 GGTGTGCAGGAAAGCCGCGGAGTGGTCGAGCCACGGTCATTGGGTGCGGATGATGTGGAG
 TCGATTGCGGAGGCGATCCAGAGCGTCCGAGCGATCTTTATGGCACGCGTGTGCTGCGT
 GATCTCAATGGTCAGTCCAGTATTTTCCAAGATTCCACCGACGCGGATGAGCCACCAAAA
 AAGTGG

>naRXA01659-downstream
 TAGAAAACCTGGTGTTCGCGCC

>naRXA01663-upstream

TATTTTGCTGGTTGGTCACAGTGGAGCGCTAACCCCGAGAATCCTATCGAGGCCTAAAAAT
 CGTGGCTTGAGTACGCACTGCCAGTAAGGTGTGTGATGTG

>naRXA01663

ATGGAAATAAGTGTCTTGATCATCGCCGCACTGATCTTGGTGGCAGGCATCGTACTGTGG
 CGCGCGGACTCGTCTAAACAGGCAGCTAAAAAGGCTGAATCACCTGTGGGCTCAGTCGCA
 CCTGCGCCCGTGTGGTTGAAGAAGAGCCGGACCTGAGTTTGAGCCAGAACTGGACCTT
 GAACCAGAAGCGCAACCAGAACCAGAGCTGGAAGTTGCGCCTAGATTTGCGCCAGAACCA
 GTTCAAGATCTTGAGCCGATCAGGCTGAGGACATTTATTTTGATGATTCCCTGAACCTC
 GATGCTGATGTTGAAAATGCCTTGGCTGAGCTTACTGAGGTAGAAGACTACCCGGAAGAG
 CCAGTGCAGTCTGAGCAACCTCAAGCCCCTGCCACGGCGGAGGTAGCTGCGGACGAGGAG
 CAACGGGGCGTTCGAT

>naRXA01665-upstream

AGGATTGGCGCCCGTGACGCTACTGAAAAGGTGGAGGGGCGCGTCGAAAAGCGTTGGCCG
GTGCTTGAGCGAAAACCCGTGATGATTAGCATGGTTTGT

>naRXA01665

GTGAAGATCGATGAATTGATTGCTCTCGCCGCGGAGCAACCCACTCGCATCTCCAGGCGT
TCEGGTGTCTCGCGCTCGACCCTGAAGCGGGTCGGCGATGGCACCAGCGAGCCCAACCTG
TGCACGCTGCGTGAGGTGCGGTTGGCGCTCGGGCTTGATATTAAGGTCGCCGCGCACCAC
GCCTGCGATCCCTTTGCGGCCGCTGCAGCGCGCACGCTTATCGACGCCCTCCGTCCCCGAA
AATCCCCACAACCAGGAAATTCTCGCTTGGTTGCACCGTTTTGAGCGGTGGAATATCAAC
GATCCGCTCACCTTGTCTCTGAAGCCGGAACGCTTCAGGGCATCACACATCGCCAGGAT
GCGCAGTTTTGTGAACTCAATCCACGCGGCATCGCTGAGCTACCGGAGCTTTTCCAACAG
CACAAAACCAATGGGCGCTGTGCGGCGCTGCGGCTGCCACGGTGATCATGGGACAAATT
GTGCTGGGGAATTCGATTGTGTGGCAGCAACCTGCCACGATCTCGATGTCTCAGCGCTG
GGCACCATTGTTGATGTGGCAGAAGACGCCGATCTAATTCTCCTGCCGCAACGGTCACG
GAATGGTGGGAAGTTACACCCAGGACAGGCTAAATTTGTGGCACCTGTGCAATTAGTT
ATTGATCTACACAGCCTCCACATGTTTCAGGAAGCCGATTACCTCACGAGCGGTTGGCGC

>naRXA01665-downstream
TAAATACTTAGCGTACGCACCC

>naRXA01669

CACAACCTTTCCGACGCATTGACTGCGATTCCCTCTTTGGATTGCTTTCATACTTTCCCGG
CGCGCAGCGACTCAAAAATATACGTATGGATTCAATCGTGAGAGGATTTAGCGGGGTTG
TTTATTGTGCGGATGATTGCTCTTTTCGGCGATTGTTGCTGCATGGCAGGCGATCGACCGG
ATGATTAATCCTCGCCCGATGGAGAATATTGAATGGGTGATTGCGGCAGGTGTTATTGGT
TTCTTAGGAAATGAGGCTGTGGCAATGTATCGCATTCGGGTTGGTAAGAGGATTGGCTCG
GCTGCTTTGGTTGCAGATGGCGTTTCATGCTCGCACGGATGGTTTTACTTCACTTCAGATT
GTCGCAGGTGGTGTGGAGTTTTCTGGGATTCCCCCTGGCTGACCCAATTATCGGATTG
ATCATTTCTGCGATGATTGCCACCCTTCTTGTGGTACGATCCGTTCGGTTGGCAGACGC
CTCATGGATGGAATTGAGCCGGAGTTGGTAGAGAAGGCTACGCACGCGATCTGGCATGTG
AAGGAAATTGAGTCGATTGATCGACTGAGGTTGAGGTGGGTTGGACACCGTCTTCACGGC
GATGCCACGGTCAGCACTTCTACATCATCGCTATCGGAAGCCACCGCAATCGCCCTTGAG
GCTGAGCTTTCCGTCAAACAACATCTTCCCAATGTGGATGAAATGACTGTGACCATCACC
CCTTCCAAACCT

>naRXA01669-downstream
TGAGTCCCGTGATACAATTGTTG

>naRXA01671-upstream

TCTAAAAACACATTTTAAAGCCCTCCCGGCGCAGCTGAAAACCTAGTCGCCGGGAGGGCT
TTTTTGTACCCGAATTTGTACCCGAATTTAAGGAATCGCT

>naRXA01671

ATGAATCATGTTGTTAATTTTGTCTTCACATTTGGAAGACGCAGCCCTGAAGCAAGCCGAA
GCTACTGCCACCATGCCGTTTATTTACCCGCATGTGGCGTTGATGCCTGATGCTCACTTT
GGGCTGGGTTCGTCGGTGGGAACGGTGTTCGGCACCAAGGGTGCGATCATTCCGGCGGCT
GTGGGTGTGGATATAGGTTGCGGAATGATAGGAGTGTGTACCAATTACACGGCCTCTGAC
CTGGAGGGACGTGATTGTTGTGACGCTTCGGGATTACATCGAGCGGGTGATTCCGTTGTCT
CCTGGAAATTACAATTCACCACCTTGAAGGAAACCGGAAGGTGAAGGTGCGCGAGTTG
GAGGAACTCGCGGAGCGCGATGGTGTAGATTTGTGCGCACTCTCCGACGTGGAAGCGCCAG
TTGGGTTTCGCTTGGTGGAGGTAATCACTTCATTGAGTTGTGTCTTGATGAGTTGGATCGG
GTGTGGATGTTTTTGCACCTCTGGTTCCCGCGGTGTGGGTAACAAGATTGCCATAAGCAC
ATCAAGAACGCGCAGGCCAGTGTAAGAATGAGGAGCTTCCCGATAAGGATCTTGCCTAC
CTTGACCGAGGGGAC

>naRXA01671-downstream
TGAGGAGTTTGAGTCTTACATCA

>naRXA01672

TCACCACCTAGCAACCTTCCGAGTTGCACTGGCAATGTCCATCATCGGACTCGTGGCGTG
ATCATCTGCGTAACCGTCTCTATTTCCGACTTAACGTGGCTGGCGTCTGGCAGAACTTC
AACGATGTCATCGGCGGTGTTGGTGCAGAACAAACCATCACCTTCGGGCTCGTCTGAGC
ATTTCCGCACTTCTGGGAGCTATCGGAGCGATTACCGTCGCTGTGCTTGCACCATTTGTGT
GCAATCATCTACAACCTCGATTGTTGACCTCTTCGGTGGACTGCAGATTCAACTGCAAGAA
GAAGTAGAC

>naRXA01672-downstream

TAACCTCTGAAACACAAACCCCT

>naRXA01673-upstream

AGTTTGCAGGTTCCGCCACCCATTATCCATATCAACATTATATGGGTGGATATGAAAGTA
CCGTCTACCGCGTTCTTTCAATTAGCGCAACCTTGAAGC

>naRXA01673

ATGTCTACAAACCTTCTGGAATCGACGCCGCCCTTTACCCAACTTCGCACCGGAGTCCTC
CAGAAGTACACCCCGGGCTGCTCTTATGCTCCATTGCGGTACTCATCGCTATGATCGTG
AATCACTTTTTCTCTGGTGTGAGTCCGCTTATCGTCGCGATCATTCTTGGCATCATCCTG
ACCAACCTGATTAGCTCCCGAGCATCGACCTCACCCGGCATCACGTTGGCGTCGAAAAAG
CTTTTGGCGTGGGAATCGTCTTCTTGGTCTGCAGTTAGTTTTCTCAGATATTTGTCA
CTTGGTTTTCCCATGCTGGCGGTGATTGTGTGCATCGTTGCCGGTGGTATTTTGGGACC
ATCCTCATGGGACACCTGCTCAGAATGAAACCAACCCAAGTTCTGTTGATTGCTTGTGGC
TTTTCTATTTGTGGCGCTGCGGCCGTGGCAGGTGTTGAAGGAGTAAGTATCCGAAGAA
GAAGAGGTCGTTACTGCGGTGCACTTGTGTTATTTTCGGAACGCTGATGATTCCTTTT
ATCCCATTCGCAACCAAAGTCTTGGGGTTATCCCTGAAATCGGTGGGATGTGGGCAGGC
GGATCCATCCATGAAATCGCCCAAGTAGTAGCAGCTGGAGGAGTCATTGGTGGTGGAGCA
TTAGGTGTTGCACTTGTGGTGAAACTCGCCCGAGTACTCCTACTTGCACCCATTGCTGCC
ATTTTAAGTTTTTCGCCAGCGCCGCCAGGGTTACACGTCCCCCGATGGAAGAGACCACCG
GTCGTTCCCTATTTATCCTTGGATTCTTGGCGATGGTAGTTTTGCGCTCCACTGTTGCG
CTCCAGACGAGGTAATTGCGGCTGGAGGTTTCTTACAGACAGCCTTGCTCTCTGCAGCA
ATGTTTGGTCTCGGGTGTGGCGTAAAAATCCAGAACCCTGATCCATGTTGGGGTCAAGCCT
TTCATTCTGGCTTTTCGGATCCACGACACTTGTACCAGTATCGCACTTGCAGGCACCCTA
CTCACCCACCTCGGA

>naRXA01673-downstream

TAGAACCGAAGACCCAGTTGTAC

>naRXA01675-upstream

TTGCCGATTCTAGCGGAGAAATTAGTGTCATCGCATCGAACCACATCTGATTTTGAGCC
CTGGCTAACGATTGTTTTTGACAGATTGGAATGACAATA

>naRXA01675

ATGAACGAGATTCCAGAATGGTTGACTCTTGTATCTGTTGAAGCAGGAAAGAGACTTGGG
CGGCCTGGGCCATTGGTGTTCGCCCGGAGTTGGTCACTTTGGCAGTTGAAGGGATTGAG
CTTATTGAACCTTGAGCCTTCATGGACTTCTGATTTGCCTCTGCCGGAATTCGGGTTCCCTA
GCTGCGGATATGGTTGATTCTATGATGATTATGAGTTAGTGAATGGATTCCGGGTGCG
TGGCCTCTTGCTTTAGATGGTGGAGGAGGTTTCTTTGCCTTGATCTCCGTGCTGCCAAC
GCTGATGGAGAGATTCTGTTGTGTGGGTGCATGCCAGCAACTTGGGTTGGGGTGATGAT
GAGGCAGTACGCGTAGCTGCCTCGTTGGCAGATTTGTTGAGTCCGTCGAAA

>naRXA01675-downstream

TAGAAGAATTAGCATTTACCGGA

>naRXA01676-upstream

AGTTACAGCTTTTCTCGGTGGCACACTCGCGCTACTTAGCCCTTGTGCCGCACTCCTTTT
ACCAGCATTTTTTGCATCCTCAGTGGGTGCTGGCCCGCGC

>naRXA01676

ATGATCCTTCACGGTGTGTGTTCTACGCAGGACTTCTAGTACTTCTCGTGCCACTTGGC
CTTGGTGCGGGAATCCTCGGCGAGCTGTTTATCACCCAACGCCAGACCATCATCGTGGTT
TCATCGATCGTGTGATTATCCTAGGTTTTGTCCAGATCTTCGGCGGCGGATTCGACTTC
GGAAAGAGCTTTTTACTAGGAATGACCAGTAGTATTGCCGGTTTTTGTTCGGACCAATC
CTCGGCGCCGTTCTTACTTTGGCTGCCACCAGTGGAACCTCCATCACCTCAGCACTCATT
TTGAGTGCTTATGGTGCGGGAATGGTGCTGCCCTGATGGCTATTGCAGCGCTCTGGGCC
AAACTCGGACAGCGTGACAGCAGATGCTCCGCGGCCGGAATTCACCTTCTTGGGCAGG
CAGTGGCACATTGTTTCTGTCTATTAGCGGTGCCCTGATCATCGCTGTGGAATCCTCTTT
TGGTCCACGAACGGCCTTGTGAGCATGCCGAGCTCGTTCCAATGGACACCCAGATCTGG
CTACAGGAAGCCACATTCTCACTCGGGTACCCTCTTTGACATCGCATTGATCATTTGTC
GCCGCTGGCTTGTCTTGTACTTCTGGAACAAACGACAAAAGCGAAAAGAAGCTCAG
CGACCCAAAGAAAGTGGATGGGTTATTAACCCTCGC

>naRXA01676-downstream
TAATTATTAGTTTTGGAGCGAGG

>naRXA01677-upstream

GTCGCCATAGTTGAGTTTTATTTCATGGCTTTTAGCTAGGCGACTTTAGTTGAGGGCTTTT
AGTTGAGGGCTTCCCAGCAGGGATGGTTAAGGAGAATTCA

>naRXA01677

GTGAACCAACAGAGTAAAAAGTGGCTCGTACCGACACTGGTTCGTATCATTCAGTGCTC
CTCATCGCAGTTGTTCTGTTGATGTACCGAGGAAATGCGAGTGATACGGCCGAGGGCGTT
TCAGCCGCTGCGACTTCGGACTCGGCTGCTGCTTCGACTGCTGCTTCGGGTTCGCTTCT
GGTGCTGCGGACTCCGATCTGACCAGCGTGGAAGCACGCGACCCTTCCGACCCTGTTGCG
GTGGGAGACGTTGATGCACCTGTTGGGTAGTGGTGTTTTCCGACTACCAATGCCCGTTC
TGTGCAAAGTGGAGCGATGAAACCTGCCACAGATGATGAAGCATGTGGAAGATGGAAAC
CTCCGCATTGAATGGCGTGAAGTGAACATCTTTGGAGAACCATCTGAGCGTGAGCTCGC
CGCGCATACGCTGCGGGTTTGCAGGACGCATACTTGAATACCACAACGCACTCTTTGCC
AACGGTGAAAAACCCAGCAAGACCTGCTCAGCGAAGAGGGACTTATTAAGCTTGCTGGT
GACCTTGGACTAGACGAATCGAAATTAAGTCCGATTTCCAATCCCCTGAACTGCAGTC
GCAATTGCGCAACATCAACAGCTGGGAATCGATCTTGGCGCCTACTCCACCCAGCTTTC
CTCCTAGGTGGCCAGCCAATCATGGGCGCTCAGCCTGCTTCTGTATTTGAAGCCGCTTC
GAGCAAGCACTGGCAGCGAAAGAA

>naRXA01677-downstream
TAAACCGTGGATGTCGGCCTAGT

>naRXA01681-upstream

CTTTAACGAAAGACTTGTCGTTACTTTAGTAATTAGACCAACATGGTGGTGAGTGGTTGA
AATCTTGCCATCAAAATTATCGAGTGAGTTGAAGCATTC

>naRXA01681

GTGGAAGTACTACTTATCGCAATCGTCGTTGGTGGTGGCGTTTTTGTGCGCTCAAAG
ATGGGATCCAATAACAATAAGAAGCAAGAAGAAGCAAGTTTGCTGACGCACAGGCAGAT
GCGCGTCGGTGGATTGAGCGTCTTGTTCCAGGTTTTGACCATCGCAGGTACAGATGCT
GCGTCGACCCAGGCTATTGCTGACGCCTCAGAGCGCTATACCGCTGCGTCTTCTCAGATT
TCTTCTGCCACTACTCTCGTCAGGCAGAGTTGGCTCGAGAATCTGCACTAGAGGGTCTG
CATTATATGAACGCGGCTCGTGAGATCATGGGTATGACTGCTGGCCCTGAGCTGCCTCCT
CTGGAAGGTGACGCAATGCTGGTGCCTTACAGAAAAGCGCACCATTGAGCAGGAGGGT
CGCCAGATCACTGCTTCCCCGTCGCAACAGATGAACTCCGAATACTACCCTGGCGGT
AACGTTGCGGGTCGCCCAGTCCCTGCTGGTTGGTACTCCGAGCCTTGGTGGGCAAGCGCA
TTGCGTTCCGGTCTGTGGACTGCAGGTTCCGGTCATGATGTTCTCAGCAATGTTTAACGGC
ATGGCTGGTGTGGCTACTCCGCTGCAGACCTT

>naRXA01681-downstream
TGAAAAATGGCTATGGCGAGGGC

>naRXA01685-upstream
CAATAATTAGGTGAGCAACCCTAATAAGAAACCTTTAGATCCCGCACAAAGATTCTCCCT
CCCCACCAGATGGGCGATGTTCTTTGTCGGGATCTTTATT

>naRXA01685
ATGTCCTTCGCCATCGGCATCACCGTCCACGCAGGACTAGGAACCACCACAATTTTCATCA
CTTCCCGTGGTGTGGACTGCTGCCAGCGGATTATCCCTGGGCTGGACCACAATTTACTTC
AATGGCTTCATGATTCTGTGCCAAATAATTGTGCTGCGTTCCAGTTCAAACCACAAATG
TTAGTCCAAATCCTGTGGGCATTCTCTTTGGGTTTCTTTGTGATTTAAGCCTGCAACTA
ACCACCTGGGCGCAAACCTGACAATTATTTTGTGGCCTGGATCTGGGTATTGTGTCCACC
ATTTTGTATGTCGATCGGAGTTTTTATTCAAGTACTCCCCAACATCACTTTCATCGCTGGT
GAAGGCATTGTCTCTGCGCTGGTGAAGAAATTTCCCAACGTGGAATTTGGCACCATGAAA
CAATTCGTGCGACTGGACTTTTCGTCTCCGTGCGTCCATTTTGTCTGGATCACCATGGGT
GGACTTATTGGCGTGCAGGAAGGAACAGTGTTCGCGCGTTTTTTCATCGGATTCTTCGTC
CGCCAGTGGCGCAAACCTCTACCTCCGCTCCATCGGTCAC

>naRXA01685-downstream
TAAAGAGCTTGTTCAGGAAGAG

>naRXA01686-upstream
GGAGGAAGGGTTGCAACGCTTTTTCAAGAGAATGACCGTGCCTCCGCTTAAACGAAGCGT
CGAACGCCGGTCTTTTCTCATTTCACCTTAAGATGTAGAAC

>naRXA01686
ATGACTTCACTCAGGACTTACTTGTTCACCAATGCCGACGCAGCAATTGCAGATATG
TCAGCATTTATCGAAGAAACCGTGGGCAAGCAATCCGGCATCAGCGGCATCGCACTCAAA
GGCGCAATGGGTGCTGCAACCAAGATCGACTCCGACATCGTAGCCAAAGGCTCCAGGCGC
CTCCTCCCGGAAATCGCTGACTCCCTCGACGGACTCTGGCAGGAATACCAAAATGGTGGC
ACCGCCGAGATTTTCGGCGCCACCTCGAGGCCAACAGCTCCACCGCACTCGACGCGATT
CTCAGCGTTGCTGACAAAAACGCAGAGAGCATCAACGTTCCAGGACTTGGCAAGGTCTAC
AAGGGCGTGCAGCGCAAGGCTGCCAAAGTAATCGAGCAGGAACCTTCTGCAATTGGCCAG
TTGATCGAAAAGAACGCACAA

>naRXA01686-downstream
TAATTAGGTGAGCAACCCTAATA

>naRXA01693-upstream
AGGAGACTGGCTGGATTATTGGCTGGTTTTCTTGGGAAATCGTCATGGGCATTAATCCTA
GTCCCAACAATTGCCAGAACCCGAACACTAGGCTTGAACC

>naRXA01693
ATGAATACTGCACCTTTCAAACCTCGAAGCTGACTTCGCATCAGCCCTGCCACCATGGCA
GCCCCCTGGCAAGGTGAGGAAGCCCCCAACCTGAGCTCGTGATTTTAAATGACGACCTC
GCCTACAGCCTCGGGCTTGATCCGACATGGCTTCGCACACCTGAGGGCGTTCAATTTCTT
CTCGGACTCAACCCGAGCCCTTAACAAAAGCAGTTGCGCAGGCCTATTCCGGCCACCAA
TTCGGACAGTTTGTGGCAAGCCTTGGTGATGGCCGAGCGCTTCTTCTCGGCGAAGCCCGC
TCAGCTGACGGCGTACTGCATGATATCCACCTCAAAGGATCTGGACGAACCCAAATCTCC
CGAGGAGCCGATGGACGCGCCGCTCTTGGCCCCGCTTACGCGAATACATCATCTCCGAA
GCGATGCATGCACCTTGGTGTTCACCACCAGGTCACTTGCAAGTAATTAGCACCGGTAGG
AAAATCCAACGAGGAAGCGTAGCCCCAGGCGCAGTCCTTGTTTCGAGTAGCAACCAACCTC
ATTTCGAGTCGGATCCTTCCAATACTCCAACATCTCTGGTGGCATCGAATATCTCAACAC
CTGGCGAATATACGATCACCAGGCATTTCCCTTCGTTGGTAGCTGAATATCCGCACCA
ACCCCGCAACTTATGTATCACTGTTTAAAGCGATTCTTCAGCGCCAAGCAGACACCGTT
GGAAATGGACCAGGCTGGGTTTCGTTACGGAGCCCTCAACACAGACAACACGTTGATA
TCCGGAGAACTGTTGACTACGGCCCATGCGCTTTCATGGAGCGCTACCGTGGCGACGCG
AAATTTAGCTCCATCGACACTTATGGTCGCTACAAATTTGAAAACCAACCTATGATCCTC
GGATGGAACATGGCCCGCTCGTAGAAACCCTCCTCCCACTCCTGGGCGCCACACCAGAC

GAAGGCATGACAGCAGCCCAAGAAGCTCTCGTAGAATTCGATGACCTCTGCGAACAAGCA
ATCCGAAAAGAAATTCGCCACTGCACTGGGCCCTTGACGAGTCAGACACCGGCACGGTAGAG
CAGTTCCGTGAAGTGTCTACCTCCATAACCCCGACATCACCACGCTGCTGCGCGCACTC
ACCGACAACACCGCACCACCGAGTGGCTTTGAAGCATTCGTTACGACTGGAAAACCCAA
GACCCAGATATCGAAGCAATGCGAGCAGTAAATCCACTTTTCATTCCACGCAATCACCTC
GTGGAAGCTGCTCTCGCAGACGCAGTTGAAGGGAATCTAGAAAAGTTCCACGAACTCCTC
GCTGCTGTCCCAATCCTTTTGATCCAACTGCGGGCCCCGATGAACTACGCCTGCCAAGC
GAAGAAGGATTTGAAGAAGACTACATGACCTTCTGCGGTACC

>naRXA01693-downstream
TAGGACAGATGGTGGGGCAGACG

>naRXA01694-upstream
CGACACCAATAATTTATTGGGTATCCACCAATTACCGCTGTGAGCACTGCAAATTACGTA
TTCGAAAAGCCATGTCCACCACGTGTTCTATCCTGGCGGC

>naRXA01694
ATGCAAAAAATCACCCCAAACATCTGGTGCCAAGGCACCGCAGACGAAGCAGCCGAATTC
TACGTCAATGCGTTTTCTGAGTTTCCGGGTGGCGCAGAAGTACTCACCACAGTTAAGTAT
CCCGAAGCTGGCTTGCTGGACTTCCAGGAGCCTTTCGAGGAAAAACCTTGACGGTGGA
CTCGCTATCTCAGGCTTTAAGATCATCTTGATCAATGCTGGTGAAGAGTTCACTCCCAAC
CCATCGATCAGCTTCATGGTGAATTTTGATGCGGTGCGTGATGAAAATGCCAAAGAGCAC
CTTGATGCGGTGTGGGAAAACTCCATGAAGGCGGCAGCACACTGATGCCAGTCGATACT
TACCCATTTTCGGAATACTACGGGTGGGTACAAGACAAATATGGTGTGAGCTGGCAATTG
ATGCTCAGCCGCCAGAAGAAAAGCCAGGTCCCGCAGTAATCCCAACGCTCTTATTTGGT
GGGGCAGCTCAAAATCAGGCAGGCCAGCTCAAGAAAACCTACGTTGAGGTGTTCCCGAAC
TCCCAACTTGGTGATCGTGACCTTATGGACAGCAAACAGGTCTGCCACTCCTGAGGCC
CTCATGTTTTCCAGTTCCTCAACTCGACGGTCAGTGGATTTTCGCGATGGATTCCGGAGTT
GAGCAAGATTTCACTTCAGTGAGGGTGTCTCATTGATGTATGAAGCTCATGGTCAAGAA
GAACTCGATGCCATCTGGAATGCACTCTCGGCAGTTCCAGAAGCTGAGGCTTGTGGTTGG
TTGAAGGACAAGTTTCGGCGTGAGCTGGCAGATTGTTCCCGACAACATGGAGGAGCTCATG
GCTAAACCCGGCGGTATGAAAAGCTTCTTGCGATGAAGAAGATCAATATCGCGGAGTTT

>naRXA01694-downstream
TAGCAGTTCTAAGCGCTCCACGC

>naRXA01696
CACTCCGACCCAGTACTCATGGTGGAGGCCCTACCGCCAGCTCGCTGAACAAAGCGACTAC
CCACTGCACCTCGGTGTTACTGAAGCTGGTCCCAAGTTCATGGGAACAATCAAGTCTTCC
GTAGCATTCGGCGTCTGTGCTCCAGGGCATCGCGACACTATCCGTGTGTCTCTTTCT
GCTGACCCAGTGGAAAGAAATCAAGGTTGGCGACCAGATTCTGCAGTCCCTCAACCTGCGC
CCACGCAAGCTGGAAATCGTGTCTGCCCATCATGTGGCCGCGCACAGGTCGATGTGTAC
TCACTTGCTGAAGAAGTCACCGAAGCACTCGACGGCATGGAAGTTCCACTGCGCGTCGCT
GTCATGGGTGCGTGTGTTAACGGCCAGGTGAGGCTCGCGACGCTGACCTCGGTGTTGCA
TCCGGTAACGGCAAGGGCCAGATCTTTGTCAAGGGCGAAGTCATCAAGACTGTCCAGAA
TCCCAGATCGTGGAAACCTCATCGAAGAAGCAATGCGTATCGCAGAGGAAATGGACCCA
GAAGTCCTCGTCGACGAAGTGCTTCCGGTATGAAGGCTGAAGTGAAGGTAACCAAG

>naRXA01696-downstream
TAAGTTTTGGTTAATTAAGGCAC

>naRXA01697-upstream
TAGATCAACTAAGTATGAACGCGAATCCGACTTTGGTCTGACTGCAAGAATCGACCAGAG
CCCGATTAAAAATGCCCCCGCGCAACGAACTAGTAATC

>naRXA01697
ATGTTTTCAAGGACTAAAAGAACTCACCGCAGCAAAAGGCCGACGCTGCTGATCACCGTC
ACCGTCGGGCTGATCGCCGTGCTGGTTACTTTCTCTCTGCCCTCACCGCCGGGCTTGGC

CACCAATCAGTATCCGCACTGAAATACCTAGCGGGTGATAATGAACTTATCCTCGCCGAT
TCCGGATCCACCACGCTTTCCGCGTCCACGCTTTCTGATCAAGCAGTTGCCAACTCGAA
GACGAAGGCGCACAGATGCTGTGGCAGGTCGCGACCGAGTAGCAGACACCCCACTG
CTCCTCAACTCCCCTGACCTTGCGCCTGGTGAAGTATCCCTTCTGCCGAACTCGCTGAT
TCGGAACCTCGTACTGCGCATGATGTAGTGGATTCTTCCAACGATCTGTACCTCGATCAG
CTGCCCCGTGGTATTGATGAACACCTCCGATTTAGCCTCACTCGCGCAAGTCCGAGGCGTG
ACAGGAECAGGAGGEGEATTEGECTETGAGGTTGCGETECCCTEEGACACCGTTGCGCTC
TCTGGATCCGAACGGTGGAACGCATCCGCCCTCCTACCAGGGCGAACAGATGTCACTCAAC
CTCATGATCGTCATGCTGTATGTCATCTCCGCACTCGTGCTCGGCGCATTTCTTACCGTCT
TGGACCATCCAACGCCTCCGCGGCATCGCCATCTCTAGTGCTTTGGGAGCAGCCCCGCCGA
GTACTT

>naRXA01701-upstream

GCCGATCAAATTCATTGATTGTTAATCGGAAGTTTTTTGAACAGGTAAAGCTAGGGGACC
TGTTCAAGTGCCTGTTGGCGGATGTATTAAGGAGAATGCC

>naRXA01701

ATGCTGAGCCACGAAGAAATTGTTGCGATCGCAGAAGATTTGCTGTCTAAACGCTACGGC
GGTGTAACAACTCTTTCTGACGTGGAGCAGCTCAACGGTTCCGGCACCTCCGCGGTGCTG
CGTGCCAGGGTGGCTAACTCCCCATTCTCCAACAGCGCTCCGTGGTGTGAAGTACGTG
CCCAGCACCGGAGACGTCTTTGATGATTCTGCGCTGGTGCGTGAAATCGTCTCCTACCAG
TTCACCACCTCCTGTGCGGAAGATGTCCGCCAGGGCCAGTCATTTGGCCTATGACATT
GACAAGCGCATCTGGTCATTTAGATTCCGGC

>naRXA01703

CTCAAATACTTTGCACACATCCACGCTGTGGTTCAGGCTGTGTGCGGGAAGATGACCAAC
TTCCACGGCGTTATTGATTGGGACACCGGTGACGGCGACGGCGGTTTGTCAAGGGCATT
TTGGTCCGCTATTTAGCTGATGTGGCCATCCGCCCTGCCTGACGATTACCAACCAACCGG
GAAACCAAAAAGATTGCAGCACGCCTGGTACTGGAATCGGCGGAAAGCGTATGGAACAC
CGATTGGAAGTTGATGGCCTTCCGGTATTGCCACAGACTGGACAACGGATGCACGCCTG
CCACAAAACCTTTGGTTTGAGTTCTCTAGTTTGAGCGATCTGGTGAGTGTGTGCGCGTG
GATGAACGTGATCTGTCCGTGCAATTGTCCGGTTGGATGCTCATGGAAGCAGCAGCGAAA
GTGGCCGAAGAACTGGAAAACAACGGCAATAGTTACACCGGTGCTCCCGA

>naRXA01703-downstream

TAGCCCCGATAGTGATGTGCTG

>naRXA01709-upstream

TTGTTGTCTGCAGGG

>naRXA01709

ATGCGCTCCGGCGTGGACATGATTCTTAATGAAACCGGGGGTGAAAAGATGCTTGACAG
GCAGATTTAGTCATCACTGGAGAAGGACGCATTGATGCACAGACCCTCAGCGGGAAGCT
CCTACTGGAATCGCCAAACGGGCACGTGCGAAAGGAATTCCAGTACTGGCGGTTTGTGGG
CAGAGCCTATTGGGTCCAGCAATCTCAAATGAGCTATTTGAAGACATCTACAGCTTTACC
GATTTTGAATCTGACATCAATGAATGCATTGGAACCCGCTCCCAATTTTGAAGGTATC
GGTTTTAACATCGCCAAACATCATCTGAGT

>naRXA01709-downstream

TAGCGATATTTAGCAAACCGAT

>naRXA01711-upstream

TCTCGTGAGTTTCTCCCGGTAGCACCTTCTATATCAGCCCCACGCCGCTCGGAGCAG
GTGGGATAGCATCGGCAACGCGGTTGCATGGCCGTTGGCC

>naRXA01711

ATGTTGTTGATGGCGCATCGCTTCTTCGTGCTTGCGATTAACGGCGCAGTCACCGACGAT
TTCACGACGGTTTATAGTGCTTTACGACGTTTCGTTGAAGGTATTCCGGTCTACAACGAG

GTCTACCACTTCGTCGATCCGCACTACCTCTATAACCCGGGCGCCACCCTCCTATTGGCA
 CCATTGGGATATATCACCCATTTACGTTGGCTCGGTGGATGTTTCATCGCGGTGAACCTC
 CTTGCCATTGTTTTAGCGTTTCGGGCTGCTGACCAGACTCTCCGGTTGGGCGCTGCGCAGC
 ATGGTGTGGCCGATTGCGATCGCCTTGGCGATGCTGACAGAAACCGTGCAAAACACCCTC
 ATTTTCTCCAACATCAACGGCATCCTGCTGCTCATGTTGGCGATTTTCTGTGGTGCGTG
 GTGCACAAAAATCCTGGTTGGGCGGACTAGTCATTGGTTTGGCCATTTTGATCAAAACC
 ATGTTTCTTGGCACTTCTCTTCTACCTTTGGTGAAAAAGCAATGGGGATCGCTCATCCTC
 GGCATTTTAACCCAGTGATTTTTCAATGCAGTGGCCTGGTTCTTAGTTCGGGAGCATCT
 GAATACGTCACCCGACGATGCCCTACCTTGGTGAACTCGAGATTTTGCCAACAGCTCA
 CTCCCAGGCTTGGCCATCTATTTCCGAATGCCACCTGGATGGAAATCACCTGGTTCCCTC
 ATCTTCGGCGCAATGGTTCGGCCTCGCAGTGTGGCACTCCTGAGATTCCGTAACACCGAG
 CCATACTTCTGGGCGCAACACCACCACCGGTGTACTCCTGACTGGCGTATTCTTCTGTCC
 TCACTGGGACAGATGTACTACTCCATGATGATCTTCCCTATGATCTTACCCTGCTCGGA
 AGCCGATCCGTATTCCACAACCTGGGTGGCTGGTTCGGCGCCTACTTCTTACTATCCCCT
 GACACTTTCACCTCCAGCGACTACCCGATGTAGCCCGCTGGATGGAATTTTCAGCGCG
 ACCGTTGGTTGGGAGCTATTGATAGTGGTTACATTTGTCTCGGCGCTAATCTGGTTTATT
 GGTGATATCCGACCAAGGGAACCTCCGAGCTACCCATTACCACTGATCCAACGCACGAC
 CATCTTGAGAGGACAGCA

>naRXA01711-downstream
 TGACAGACTTCAAACATCATCAGC

>naRXA01714-upstream
 CATTGGATAATTAGCAGGAGTGAAGTGCATCAAAGGACAAACATAAAATAAACGGCGCG
 CCTCCCCAGAGTTACCCCAATAATTAGTAAATTGCAGATT

>naRXA01714
 GTGATCGATTCCGAAGCGACCTCTCAGCACAAAGACCTCAGCTACCCCGGCAGAGAGCACT
 CCCGCGGAGTTTTCCGAAGCGGTTGAGTCTATGCACAGAGCGCGCCTGCGCCCAGAACTT
 ACTTTGGGCACGATTAGGCCGCTCAGCGCCTGGCGCCGTTTTTCGCACGCCATTGGACTC
 GAAGTCGGAATCAAGAAGAGTCAGACGATGTCTCCACCAACAGCGAAGGTGATTCCTTT
 GGTGCTTTGATTCTGCTCCACGATCCGGGTGCCGAAGAAACCTGGGAAGGAGCAATGCGC
 CTTGTGCGCTATATTCAGCTGACATGGATCACGCTGTTGCTTCCGACCCGCTATTGCCG
 GAAGTAGCGTGGCAATGGCTTAACGAAGGTTTGGAAACAAGCCGGCGCAGGATTTACCAAC
 CTAGGCGGAACCGTAACCTCCACAACCTCGGTGCGCTTTGGTGAAATCGGTGGACCGCCA
 AGTGCCTACCAAGTGGAATGCGTGCGTCTTGACCGCGACTGGCACCGACCTACCGCG
 CATGTTGAAGCGTTGCGAGCAGTGCTTGCCCTCTGTTGCTGGACTTCCCCAGAGGGCGTC
 ACCGAACCTACGAAGG

>naRXA01714-downstream
 TAGATTGGACACCATGGTTTCCG

>naRXA01715-upstream
 ACATGTTGTTGGAACATGCCGGCAGAGCCGACACTACGATTTCATTTCGCTAAAGGGTCTGG
 CCACTGACACTGGCAAAGATCCACGAAAGGAAGTTACCCT

>naRXA01715
 GTGAGCGAGCTCGATATTAAACAGCTCAACAACTGCAGCGCTACTCTCAGTGGGCGGTG
 TTCCGTGCTATTCTTGGAGCGCTCGATGATGATCGCACAGAAGTCACTGACCAAGCAGCC
 AAGTTCTTTTCCGACCTTGAAGCAGAAGGCAAAGTCACTGTCCGTGGCATTACAAACGCC
 TCCGGCCTGCGCGCAGACGCTGACTACATGATCTGGTGGCACGCAGAAGAATTCGAAGAC
 ATTCAGAAGGCCTTCGCTGATTTCCGCCGACCAACCTTTGGGTGAGGTTTCTGAGGTC
 TTCTGGATCGGAAACGCTCTCCACCGTCCATCTGAGTTCAACAAGGCTCACTTGCTTCA
 TTCATCATGGGTGAAGAAGCAAAGGACTGGATCACTGTTTACCCGTTTCGTGCGCAGCTAC
 GACTGGTACATCATGGAGCCCTTGAAGCGTTCCCGCATTTCTCCGCGAGCACGGACAAGCT
 GCTGTGGAATTCCCAGATGTTTCGTGCCAACACTGTGCCGGCTTTCGCACTGGGTGACTAC
 GAATGGGTGCTGGCTTTCGAGGCTGATGAGTTGCACCGCATGTGCGATTGATGCACAAG
 ATGCGTTACACCGAGGCTCGCTCCACGTCCGTGAGGAGCTGCCATTTATTTCTGGACAG
 CGCGTCGACATTGCAGATCTGATTAAGGTTCTTCCT

>naRXA01715-downstream
TAAAAGCTGCTTTTCTAAACGAT

>naRXA01729-upstream
TCAAGGTCCGGCGATTCTTCAATTCTTCGAGTTCAGGAAATCGCATACTCTCTAGGCTAG
TAAACTTTTCTACGAACCTATTACTAAGAAGGAGCCCGAA

>naRXA01729
GTGAAGTTGAGGACAATCCCAGCCCTGTTAGCCGTGCGCACTTCTTGCAAGGCTGTTCCGGT
GAAAGTGCTGATAGCCAAGCCGTTTCCGCTGAGGAAACCATGGAAGTAACCACTACCTCA
ACCCCGGTGTTCAAGCCAAAGAGGTAAGCCCAATCACAGTCCCAAGCGCGATATCAGG
GTTGAAGACCCAGGTCTCAATGTTGAATTTATCTTCCGAGGCACCCGCTACGGCACCAAC
GGTGGCTCAATTATTCACATCGCGGTGAAAAACCTAAACGACGTAGCCCTGCCAGCCGAC
GCCATCGATCCACCCACCTGGACATCGAAGACTACAACGGCAACAAAACCAACATCGAA
ACCTCTCCGGCGACGACAACATCCCACTCGACCTACCACTGGGTGCCGGCGCGACAACG
AACCTGCAATACGCGTTCAACACCTCAAACGGCTCATTGTCGAATGCTAAATTCCAGATC
GGAAACGTCATCTACTCAGGCAATTTGAACAGCTTGGCG

>naRXA01729-downstream
TAAGTTCAAAAATAATTTGAAT

>naRXA01731-upstream
GCTTTTGCAGCTGTGGGGTTGGGCTGGGGGCAAGTGTTTCATGTAGGTGTCATTGATCGTT
CACTCAAGGTTGGACGTTGTGTTTCATGAATAACTTTTATG

>naRXA01731
ATGAACGCATCGTCCATTTCTTCCCGATTCAAGGATCTTTTTGTGACACCCAGTATTGTT
TTTGATTTTCGATGGCAGCTTGCCATTGGCCATGGCCCTGTCCTTGCGTATGCATTGTGT
GTTGCACCCGGAGGGTTCCAAGGACTTTCTGGAGCGTGTGCGCAGGGAGCTTCGGCGCTAT
GACGATGGTCAGAGTATTTACCGTGATGGGTATGACATTGTGGCTAAGTTGGCGTCGGAA
TTGGGGATTGATGATGGCAGATGTCTGTCGCTTATGGCGAGAGCCGGAAGTTGCTTGGT
TCGGATTTAGCGCTGTTGAGCATGTGCGGGTATTAAGGATATTTGTCTCGTTGAAA
GGTCATGCTCGTTGGTTTTAGCTACCAATGCCCCGAAAAATGGCGTGCATGATTTGCTG
CGTCAGTGGGGTGTGCTGATTTGTTTGATCAGTTGCATTTTGTGGTGGGTAAGCCTGCA
GGGTTGATTTTCGATCATTCTGATTTGCAGCTTGATGGTCCGGTGCTTGGCGTGGGCGAT
ATTTATGAATTCGATCTGAGTCTGCAGCGCAGTTAGGTGCAGATACGGCTCTGGTTGGA
GCTACAGCAACCATTTCTGAAGCGAAGGTCTCCATGCGTGGAGATTCTATCGCTGATCTC
CCTCTCCTTGCTGGGTTTGTTCCTGGGTCTCCTCTCT

>naRXA01731-downstream
TAACTTTCTTGTCTCATGTCGCT

>naRXA01734-upstream
ACGATCTGCCGGAGAATCTCAAGAAAGTGCTCACTGCGCAGCACACCGTCACCGTCCAAG
ACACCGGCACCGGCGGATTTCACTCCTGGATGTGCAACC

>naRXA01734
ATGACAGATCCAATTGAGCAGGCATTTGAACGCATCCGCGCCGAAGCCATGCGCAGAAAT
GGATCCGTTCCCGACCTCAATAAAAACGATGCTTTTCGACGCCACCTGCGCCGAAAGGG
GGCGTCGAAAAGCGCAAAAAGGCCGTGCAAGCGGCCTAGACGGCCGCCAGAAACGATAT
GTGCGCGGCGCGGAGTCGCTGGGATCGGTGCTGAACAAGGAAATTCAGCGTCGTGGCTGG
GGCAAAGACATTGCCGGCGGTTGGGTGACGTCCAACCTGGGAAGAGCTTGTGGCGCGAAG
ATTGCGCAGCATACGCGCGTGGAATGATCAAAGATAAGAAGCTTTTTATCACTTGTGAT
TCCACAGCGTGGGCCACCAATCTGCGCATGATGCAGCGGCAATCCTGCAGGTAATCGCT
GAAAAAGTGGGTCCAAATATTATTACAGAGCTGCGTATTTTGGGCCCTCAGGCCCAAGC
TGGCGCAAGGGGCCGTTGCACGTAAAGGACGCGGTCCGAGAGACACATACGGA

>naRXA01734-downstream
TAGTTTGGTGATAAAAAACCGTCG

>naRXA01738-upstream
GTGAGCTCTACCGCATCGACTCCCCAGAAGCAGAACTGTAGAGCCCGGCGATCGTCTCC
TTTACGTTCCGCCGAGTATTTAGCGAGGAGGTAAATGACAA

>naRXA01738
ATGAGAATTCTTCCCATCGGCCCCCACGATGAAATCGCCGTCAACGGATCAATAGTCCTT
CTATCCGAGCACGACGGAGACATCGTATCGGTCCGCCCCGACCTCGGCACGGTGCGAGTT
ACCTTTGAAGAGATCGAAAGTTTAGGTACACCGACGGCACCCCGCGATCTGGGTTCTCGG
GAAGTCGACGCATGCGTATCGTTGCTCCGCAACCGCGAGTTAGTGCGATTCGATCCCCAC
GATGGCAGTGAATTAACCTATCGGGAACATAGCGTTGCTTACGGTGCGAGTGGCAAGCCA
TTGTTTCCCGATTGGATCCAGCGGTGATCGGCATTGTGGAGCTGCGAGGTGAGGATCGT
TTGCTTCTGGGCATGAATGCGCAGAAACGCCAACGCTATTCAATTAATCGCAGGTTATGTT
TCGCATGGTGAGTCGCTGGAAGACGCATTACCCAGAGAAGTGTTGAGGAAGCGGCGCGC
CGGGTATCTGAGATTTCCCTATGTGTCTGCTCAACCATGGCCGATCTCTGGTTCGCTGATG
CTGGGTATGAAGGGCTTCACGGAAGATGAGTTGCCTCAAGGCGAAACTGATGGTGAATTA
GCGGAGACAATCTGGGCTTCGCCACTAGACATTATCGATCGTAAGATTCCGATCGCCCCA
CCCGGATCGATTGCCACGATGATCAACGCCTGGGCGCGAGATAAACAAAAAC

>naRXA01738-downstream
TAAGGGAGCTTTTACAGTGATC

>naRXA01741-upstream
GCATCTCTGGCTTTTCCATGACAGATGATTGTAAGTGTGATGAAATAAGGCCAGATG
AAGTAACTGTGTCGATTAAAGTTTGGGGGAAATTTTTCAG

>naRXA01741
ATGACACACATCGCTTTAGCCAACTCTGCCCAAGTTCTGATCCGCCCGGATTCTGCGATT
CAATTCGGCATCGACGCCACCCGCGCTGGCGTCTTAAATATCGATCCATCGCTGTCGTCG
CGAGTCGTCCCGGTGCTGCGGAATCTGCGGACCGCCCGACCGATCGTTGATGTCATCGCC
GACCTCACGACTGCAGGCCTCGCACCCACCGCTGCGAGCAGTTTGTCTGAGGACCTTTTA
GAATTCGGTGTGGTCCGCAATCGGCGGCGGCGCAGGTGTTGCTGTTCCGGGACGGTTCG
CTTGTGACGTCACCTCCTTTCTTTTGGAAACCTCCGGCTTTGTTCCAGACCCAGATC
ATCGATGAGTCGCTCGAGAGTTTTTTCGAGCTTCCCTCCAGCCACATTTTGGTTCTCAAC
AAGCTCGCACATTTCCCAACGTCTATCCCCGCTGCTTCAAAATATGCGCCGACGTATCTG
TGCGCCGCGATCGTCGATAATCGTGGCATCATCGGCCCGGGCCGAGATCACGATCGGGG
CCGTGTTTGTATGTGTGATCTGCATCGCTGCGATATCGATCCGCATTGGCTCTCTATT
ATCAATCAGCAACCCAAACGGTCCACCTTTCTGATCCCGTCACGGAGATGGCGACGGCT
GCCCCACTCGTCGCTGGGTCACTGCCGATACATGGTTGCCCGGCGTTGTGGAGGAAGTA
AACCCCCACGATCGAACAACTCGGTACGCACCCTCCCTGTGCATCCAAAATGTCCGATG
TGTTGGAGTTTAGGTTCC

>naRXA01741-downstream
TAAAGTGCTCCCAAAATCGCGAG

>naRXA01742-upstream
TGGCTAAAGCGATGTGTGTCATCTGAAAAATTTCCCCAAAACTTAATCGACACAGTTAC
TTTATCTGGCCTTATTTTCATCACAGTTACAATCATCTGTC

>naRXA01742
ATGCAGGAAAAGCCAGAGATGCCAGCGATTGAGGTTCATCCGTTAGCGAAACGCACCAAA
ACTGTTCAAGCTCGAATTGTGGACGGGCAAATCCAGGTGCGCATCCCTGCGAGGATGTCT
AAAGCGGAGGAAGAAAAAGCGGTGGGGGAGATCGTCGCAAAGCTAAAGCGACGCACCCAA
TCGGCCGTCTCAAGCGACGCTGACCTGATTGAGCGCGCCATAAGTTGAACAAGACTGTG
TTGGAGGGGCGGGCGGGTGGAAAGTATTCGGTGGGTGAGTAATCAGAAGGGGCGGTGG

GGGTCGTGCACGGTGGCGACTGCGGAGATTTCGGATTTTCGGATCGTTTAAAGCACGTGCCG
GATTATGTGTTGGATGCGGTGTTGGTGATGAGCTGACGCATACGTTTATTGCGGGGCAT
TCGGCGGAGTTTTGGGAGTGGGCAGACAAAACGCCCCCTGGCAGAGAGGGCCAAGGGCTAT
TTGGAGGCGTATCAGCGGTGGGGC

>naRXA01742-downstream
TGAAGGTTTAGTTCTGTTCGGAG

>naRXA01748-upstream
ATCACCAAATGTGGCGGTTTTGCGTCGAAAAGCGTGCTCTTTCTACACCTCTTTGAGGTT
CATTTTCGCGGTTTCCTCACAATCGCCTATTGTTAAGTAC

>naRXA01748
ATGGCAGACGCGAAAAAGCAGGCGGATAAAGCCGCCAAGAAGCAGGTAAGAGCAGCCAAG
AAGGCACAGCGCAAGGAGACTCGCTCACAAATGTGGCAGGTCTTCAACATGCAACGCAAG
CAGGATAAGGCTCTTATTCCGCTTCTGTTGCTCGCTATTCTTGGTATCCCGCTGGTCCTT
TTCTCATCGGTTTGATTTGGGGTGGTCAGTGGTGGATGCTTCCGATCGGCATTGCTGCA
GGTGTGTAGCTGCAATGTTTATTTTACCCGTCGCGTTGAGCGTGACGTGTACAAGCGC
GCCGAAGGTCAGCAGGTGCTGCTGTTGGGCTGTGGAGAACCTCCGCTCTGGCGTGGGC
ATGACCTGGCGCACCAAGACCGCTGTTGCAGTGACCACTCAGATGGATGCAGTGACCCGC
GTCATTGGTCTGTGTGGTGTGTGCTGGTCGGCGAGGGCTCCCTCACCGCCTGAAGCCA
ATGCTTGGCGCAGCAAAAGAAGCGCCTGAACCGGTGGCACCTGGTGTTCAGTGTATGAA
ATCATCACGGGCAACGGCGAAGGCCAGACCCCTATCGCGAAGCTGCAGCGTGAACCTGGT
AAGCTGCCTCGCAACTACAAGAAGAACGACGTCGCTGCCCTGGCCGCTCGCATTGAGGCT
ATGGACAATGTCGGAACGCTCCTGGCGGATCTTTGCCTAAGGGTCCATTGCCAAAGGGC
GCAAGCATGTCCGGTATGAACCGCCGCGCTCGCCGACAGGCTGAACGCAAGGGCGAGGCT

>naRXA01748-downstream
TAAAGCCTTTTCGCTTTCGCGTC

>naRXA01749-upstream
GGTTTTTTCGTGCTCTGGTTTTAGGGACTGGTTTTGGGAACGTGCCAGTTCACATCAAA
TAACGCTGAGGTCGTACTTAATCCATGAGATCATGAATGG

>naRXA01749
GTGAGCTTCTTGTAGAAAATCAATTACTCGCGTTGGTTGTATCATGACGGTCGGACTA
TTGCTCGGCCGCATCAAAATTTTCGGGTTCCGTCTCGGCGTCGCCGCTGTACTGTTTGT
GGTCTAGCGCTATCCACCATGAGCCGGATATTTCCGTCCCATCCCTCATTTACGTGGTT
GGACTGTGCTTTTTGTCTACACGATCGGTCTGGAAGCCGGCCCTGGATTCTTACCTCC
ATGAAAACCATGGTCTGCGCAACAACGCACCTGACCTTGGGCGCCATCATCGCCACCACG
GCACTGCATGGGCACTCATCAGTTTTGAACATCGATGCCGCTCCGGCGCCGGCATG
CTCACCGGCGCGCTCACCAACACCCAGCCATGGCCGAGTTGTTGACGCACTTCCTTCG
CTTATCGACGACACCGGCCAGCTTACCTCATCGCCGAGCTGCCGTCGTCGCATATTCC
TTGGCATACCCCTCGGTGTGCTCATCGTTATTCTCTCCATCGCCATCTTACGCTCTGTG
TTCAAAGTCGACCACAACAAAGAAGCCGAAGAAGCGGGCGTTGCGGTCCAGGAATCAAA
GGCCGTCGCATCCGCGTCACCGTCGCTGATCTTCCAGCCCTGGAGAACATCCCAGAGCTG
CTCAACCTCCACGTCATTGTGTCCCGAGTGGAACGAGACGGTGAGCAATTCATCCCGCTT
TATGGCGAACACGCACGCATCGGCGATGTCTTAACAGTGGTGGGTGCCGATGAAGAACTC
AACCOCGCGGAAAAAGCCATCGGTGAACCTATTGACGGCGACCCCTACAGCAATGTGGAA
CTTGATTACCGACGCATCTTCGTCTCAAACACAGCAGTCGTGGGCACTCCCTATCCAAG
CTCCAGCCACTGTTTAAAGACATGCTGATCACCCGCATCAGGCGCGGCGACACAGATTTG
GTGGCTCCTCCGACATGACTTTCAGCTCGGTGACCGTGTCCGCGTTGTGCGACCAGCA
GAAAAACTCCGCGAAGCAACCAATTGCTCGGCGATTCTACAAGAACTCTCCGATTTT
AACCTGCTCCCACTCGTGGCGGCTCATGATCGGTGTGCTTGTGCGCATGGTGGAGTTC
CCACTACCAGGTGGAAGCTCCCTGAAACTGGGTAACGCAGGTGGACCGCTAGTTGTTGCG
CTGCTGCTCGGCATGATCAATCGCACAGGCAAGTTCGTCTGGCAAATCCCTACGGAGCA
AACCTTGCCCTTCGCCAACTGGGCATCACACTATTTTGGCTGCCATCGGTACCTCAGCG
GGCGCAGGATTTGATCAGCGATCAGCGACCCCAATCACTCACCATCATCGGCTTCGGT
GCGCTGCTCACTTTGTTTCATCTCCATCAGGTGCTGTTGTTGGCCAAACTGATGAAA

ATCCCTTCGGTGAAACCGCTGGCATCCTCGCCGGTACGCAAACCCACCCTGCTGTGCTG
 AGTTATGTGTCAGATGCCTCCCGCAACGAGCTCCCTGCCATGGGTTATACCTCTGTGTAT
 CCGCTGGCGATGATCGCAAAGATCCTGGCCGCCAAACGTTGTTGTTCTACTTATC

>naRXA01749-downstream
 TAGCATTGACCCCTTAAGCGCAG

>naRXA01750-upstream
 TCGCCCCGAGGATTGTGTTGCGAACAGTCCTGAAGATCATGTCAGACCTACATTGAGCC
 AATGATCGACATGTGGACGAGGGAACTCGACCGAACAAT

>naRXA01750
 ATGTGTATCAACGACCCCTAAAGGCGAGTTGCTGAAGAAAAATTATGTTCCGATGTCTAAG
 CGCGGTTTTTCAGGTTGTTTACCTGATTAACAACCTGAAAACCTGATATTTATAAC
 CCGTTGGGATTAGCAGCCGAAGCAGCTCGCGAAGGTAACGGGATGAAGTGCACAACCTAT
 GTGGAAAATATCGCAGAGGTGTTCTTTCCGGTGGACGGTGCCGATGATCCGGTATGGCCG
 AATGCGGCCAACAAATGCCTTCAAGCGTGCAGCCTATGGTCTTATCGACTTCTATTTGGAA
 GAGGAGCGCAGATGCGCAAGCAGGCTGCAGCTGAGAATTGGGATGCCAAGGTGCTTGAT
 ACACGTATTGATCAGATGTGGGGTAAGGTCACGCTCTACAACCTGCTACCAGCTCTTTGTG
 CAGCTTTTCGGCAAAGAAGCTGAAGAATCCCGTTGAGCGACTCAATGAACGTGCACGTGCC
 GGTGAATTCGGTAACTTAGAGACTGATGAAAATGCAGCCATGATGTTCCAGGATGCTGTG
 ACAGAGGCCGAAGAGAACGAAATGTTTCTGTGGGAGGGTGAGAAAGAAAAAGACATGCTC
 ACCTTGTTCTTTAGTGCCACAGACGGTCTGCCAAAGTCCAGTGTTCGTACTCTGGTGGGC
 AACGCAGATAAGGCCCTGAAAGCAATGGGTGGCGCTGAAAAAATGATGGCGTCGGTCTAC
 GGTATCGCGATTACAGCGATGTCCTTCTTTACAGACCCACAATTTCAACGTTAACCTCA
 GGCACACTAAGTCAGAACGTTGACTTGGCCGGATTGTCGTTTCCACGGCGCATGGGTGTT
 CGTTTTGCGGCCCCCTATGTGAAGCGCTACAACCTGGTTGGATCACAGGTGAAATGGGAT
 GCGTATAGTGACGCCAAGTTCACCAAGCCGTTGGGTAAAGATTTTGTTCATGATGACACG
 CTGTCCGTTGAGGGTTGGGCGCGGTTCTATATTAAAGACTCGTTCCCGAGTAATACTGCG
 TACCTGCGTTTGCGGATTCTCAATGGTACTTCTGGCACGTTGATCAAGACTCTGTACTTC
 AAGTTCACCAAGGGCTACCAAACGAACCTTAAAGGCCGTGCGTTTATTACTGATCCGGTG
 ACCGATGAGAAGATCATTAGAATGGTCTGCTGATCGAGCTGGTGAAAAACGATGCTGGT
 GACTTTGTTCCAGGTCATGTGCAGTTTAAGACGAAGAACTGAATCTTGACCAACTCACG
 CAGGAACAGATCAATATGCCGGGTCATGACATGATCAAGCAGGTTGATGCGATGGTTGAT
 GCGGTGTCGGCTCTGAATGTGCGGTATTCGGAGAAGCCTAAGGCAGTGTCTTCGTAACG
 CCTCCGCATCTTATGAAATATGCGAAGTTGATTTTGATTCTCATCAAACAGCTTGTTGGAT
 CTGAACCTTCGATTCCTCGTATATGACGCGTGAGAATCAGAAGCCGGATTATAAGACTCGT
 TTCATGTTGGACGAGTTGGGAAACCTTCAGAGTGAGGGTCATGGTATTGCGGGATTGAA
 ACCATGCTCTCGATCGGTCTGGGACAAGAACAACAATTTAGTGCGACCAGTTGCGTAGCG
 AAAAATACGCTCTTGCAGCT

>naRXA01750-downstream
 TAAAGTTGCAAGAACTGTTTCA

>naRXA01752-upstream
 GAAATGACGTGACCATCGATACCAATACCCAATTGAAAGATCTTGACCTGGTCAGCCAAG
 TTGGCCGTCAGATCGTGGCAGAACAAACAGGTGGGGAGGTC

>naRXA01752
 ATGATGGAACAAGATCTCAGCTACCGTGAAATTCTTCCCTCAACGCGAGTGAGGAGAAG
 AAAAAGGCTGCACTGATTGATGCCATTGAAGGGTTAAGGGTGCGGATCCGCTACTCTCT
 GCCTCGATTGCATTTACTAGAGGGCAGAAAGTCGCCTTCATTGCTGTGGTGGTGGGCTTT
 ATCTTGATGCTCATTTTTGCTCGGCAAGCAGCACTTATTGGACTGTCAGCAACGTGTACG
 TTCATGTACCTCATTACATTGTTGGACAGATTTATCATGTTTTCCAGAGGTATCCGCGCG
 GAATCCATCATCCAGGTATCGGATGAAGATGCGCTGGCTTTCCCTGAGGACAAGCTGAAA
 ACCTACACGGTGTGGTGCCCGCCTATGGCGAACCTGAGGTGATTGCGCAGCTGCTGGCA
 TCCATGCACGCTTTTGATTACCCCAAGCATCTTCTGCAGGTATTGCTCATGTTGGAGGAA
 GATGATCTGCCACGATCGCCGCGGCAGAGGCAGCGGAGTGATCAGGTGGCAACGATC
 ATTAAGGTGCCG

>naRXA01753-upstream

CTGATTGTCGACGCCGTGGTGTCTAGTGTCCAGGCGTTTCGAAAAAGGATACAAATGATTT
CTTCTTTACCCAGTAGAACGCAGGGGAGGAGGTGGGTCC

>naRXA01753

ATGAGTAACCCGTCGCTAGAACCTCTAGAACCGATCGAGCTTTCTGACGGTACTGAAATT
GAAGTTTCAGACGTTGATCCAGAACCGCAAGCTGGCAATGCGCAGATGGAAGTACCCAGC
TTACGGACATATGTTTTTCGCGGAATCATTGCCATTGCCTGTTTGATCATTGGTTTTTAT
GAGAGCTTTGTGCTGATGTGGCAAACCTCCGAATCGGCGTGGCCAACTACTACTACTT
GTGGTGTCTATGGCGATCGTGTGTTTATCGGACTGGACCGCAAGCGTGCTCGTGCAATTG
AACATTACGACCGCGAAGTCGACTACATCATTGGTGGCATTGTCTGACTGATAGCCATC
ACGATTAAGAGCCAGCTTCTGCCACGTTTTGTGGACTGGGAACTCTGCTGCGCTTGGAT
ATGTTCCGACTGTATTCTTTGCGTTTGGTATTTCCGGCCTGGTGTGTCATGCGCTCT
ACCTTTTTCTTTGACCCCGGCTGGATTTTGGCTGTTTGGCTACAACGCGGTGGCACACCTG
ATCATCTCGGTGATTTTTCGGTGGTGGCTTTTGGGGCCCGGTGATGGCAAACATCATTGGA
CTGTCTCTTGGCGTGTGGTGTCTTCCAAACAGGGACCTGGTTCAGGGCCACCTATTTGGCA
CTGATGACGGTGTGTTTGGCGTCATTATTGCCATCATCGTGTGGGCGCTGACCGATGGC
AGTAAGTTCCTCACCTTGGTCCCAGCAGTGTGGCAACCATCACTGTGGTGTGGTGTCT
TCGCGTTGGAGGCTTGGTCTAGTGGAAAATTCGTCTAGACAACCCACGGTGAAAAAGCC
GGACCCGCGCTTATCGCGGTCTGTGGTGTGCGACAGCACTCTTGGCGTGGATTCTACTCTT
TATGTGGAGCGCTCAACAACCTCCCCGGGCTTCAAATGCTGGCAAAGCCTGCCCCAGGT
GTTATCGCACCTATTGGTTGGCACATCGACGATGTGAGTATTACAACCTGGGCTTCGCGC
TACTTCGGCCCCGTTCTCTCTGCTTAGGCAGACGATGACGGCAGATCATTACAACGAG
CGGTGGGATCCAGATGGACTCGACCGAAGTGTGTGGTGGATACCTCCAATCGGCGGAA
CGGTTCCAGCAGCGTGCCTTTGGTGACGAGACGCTGTATTCCACTCTGAGAGGTGAAAG
TCAGATACCGTCCAGGTGGATCTGGGATACGGCGTGGACGGACGCGCTACACGGTGTCT
GATGAACTGACTTCTTGACGTACACCAAGCTGGTTTTTGAATGGCAGACCACCAACAAC
ACCGTGGAGAAGTCTCCGTCTCGCGGTGGATGATCACCGCGCAGAAAGCGAAGTTCCCG
GAGCTTGCACCATCGGTTACCAGAATGTTTATCCAGGTGGCTACCATTTTGTCCGTGGA
AATGACGTGACCATCGATACCAATACCCAATTGAAAGATCTTGACCTGGTCAGCCAAGTT
GGCGTCTAGATCGTGGCAGAACAAACAGGTGGGGAGGTCA

>naRXA01753-downstream

TGATGGAACAAGATCTCAGCTAC

>naRXA01754-upstream

TGTGGCTGAAGACAAGAATGAATAGCATTCTCGTCTGAATTTTCATGTAGAAATTTGTC
CCCCTTTTTTTTGATGTGAAAGTTGAATCGGTAAGCTCCT

>naRXA01754

GTGAAAATTAAATCCGTATTTTTGAGCACCGCTTTAAGCGCTTCCTTACTGCTCGGAATC
ACCCACCCGTGCTGGGAGCAACGATCAACCCAGTTTGCCTCTTTCTGCGTTGAGCTCC
TCGGACGATATCGCCGTACCCAACTTCGCCAAAGAATTACCGTTAGCTTTTGTGTACCA
GCAGGCACTGTTCCCAAAGCTTGAGTGGAAACGTCGAGATTCTGCGGAGTTTCTGGC
GGCGTCTGAGGTTTTATGACGGTGACCGGCTCTTTCACACCCTGCGCCTAGAAGTTAAT
GATTCCTGAGCACACATTGAGGTTCCGCTGCAAAGCGTTCTGTGCAAGACGCGCGGCC
ACCTTTTGGTTGCGCGCCATGTTGGATCCTGTAAACAACAGTGGTGCTACGAGGAGCAG
GAAGTCCGCTTCTTAGACGGAAACGTCACCTTTGAAGGGGCGACGATTAACCCAGCTGTG
GTGGCTGATTACTTCCCGTCAGTGTGCGCGCGTTGACAATTTACGTCCCGGAAAAACCC
TCTGAGGCAGTACAAGAAGCCACGTTAGAGGTTGCGACCTCCCTGGATTTCGGTGTACCGA
AGATCAGGTCTGGATGTCAACGTAGAAACGTTCCAACCGGCACCGATGCTCCTCCTACA
CGTCTCAAGATTTTGAACGCCAGATTGTGCTGGTTGACGAGGCAACAGAAAGTAACACG
CAAAAAACCGAATTGGTCAATCCCGGCCAAGACAATGCATTCTTGCCTGAAACGGCAAC
GCCGACGAGCTTTACGATCAAGCGCGCTTGTCTACCGACGCAACCCTGCCACTTGCCGTA
GACACCGAAGTAACGGCCTCAGGTTTTGGTGTGTGCCAACCTTTCTACAGATGTGGCC
ACCCTCCAAGAACTGGGTATCACGCAGCTCACCTCTGAATCAGTTGCGCGCACAAAGCGTC
ACCTTGGGCATTGAACGCTCCCGCCTGCGGACCTACTCGCAGTCCATGGACCTGCACATA
ACGGGAACCTACACCCATTGCCACCCCAAAATGCAGGACAGATCACGTTCTCCATTGGT
GACACCGTGTGGACTCCTTGACCACCGATGACACTGGCATCATTGACCGTGAGTTCAAC

GTTCTGGAGACTTGGTCAACCGCTACACGGCGATCGTCGTGGAATTCACCAGCACCGGC
 GACGTAAATTGTGGGGTCAACCGAGCCCGTAGGCCTCAACATTGATTCCGACAGCCTTGTC
 ACCTCCCAACATTAGATGTTCTGTACTCAACGGCTTCCGGTCCCTACCGCAGTCCTTC
 CAACCTCGTGTGGACGTGGCGTTTGTGATCCAGCGTGCAGGAACCTCTCCCGCGCTGTC
 AGCGTAGTGTGGGAATTCAATCTATGAGCTCCAGCGCATCCGCCCACACCTGGTTAAC
 TGGGATGAAGCCGTAGCCAGCGAGCGCCCAACAATTTTCATTGATGCTGCGGGCGCAAAG
 ACTGATCAAGTGCCAAGCTACCTCGCCCAACAAGGCCAAACCTAGAGATCACCAGCAAG
 AACGACCAAAATGCGGACGGCGAACAACCTACCCGATCCCTGCAAACCAACGCTGCGCTT
 GTTGTGCGTTCCATTAGGCGGTGTGGGATGCCGATAAGAAGCGCACGGTGATTGTGGCA
 AGTTCCAGGACAACCCCCCGATTTGGATGCCTTGATTTCTGTGGATGGGAGAAGACCGC
 GAACGCTGGAGTGATCTCAACGGCGACCTGATTGTCAAAGTCCGAGACCGCGAACCTGTG
 CAATTGACCACCGTGGAAGCCCCAGATCAGCCTGGTTCGATCGGCCACAGCCTTTATTGCG
 ATCGGCGTCAGCCTTGTGGTCATTGCCCTGATTGTGCGAGCCGTGGTGTGAGTGTCCAGG
 CGTTCGCAAAAAGGATACAAA

>naRXA01754-downstream
 TGATTTCTTCTTTACCCAGTAGA

>naRXA01760-upstream
 ACCTACTCAAACCTTCTCTGCGCCATAACGTGAAGTGAGTGCCGGGGCAGTCCCGGCAG
 CACCCAAAAGCGCATTTTTGATACGAAAGTGAGTCATACG

>naRXA01760
 ATGGCAGCATTTCTAGAGATCACCTTGAAAATCAATGACGAAGGCCGCCCATCAGCAGCT
 GGCGTCTACCAGGAATACAAGCAACCATTCCTCAGCTCAATTGCTGGCGCTACAAGCAAA
 GAACTCCTCATCCGAGAAGAAGACGTGCAGGTGCTCCACGGCTGTGACACCGTAGCTAAT
 GCTGAAGATTATCTGTGTCAGCGAACTGTTACGCGCCGATGTTGTGCGGTGGTCTAGCTCCA
 CTATTGCAGGCTGATCCAGAGATTTCGATTTACCAGGTGCGG

>naRXA01760-downstream
 TAACTGCTGTGGCAGGCTCATCG

>naRXA01761
 GCTGATGCTAACGCTGATTTTGTAGACGGTGTGTTGATGGTGTGCTGGTCGCGCGTCATTT
 AGCAATGCTGCGTATAGCTCCGATGGAACCACTCTCGACGGTGAGGGTGCGAGCGTTGAT
 GCACAGGGTAACCCGCTTCATGCTGATGGCACACCAATGAGTGCTGCTGAAGCTGAAATG
 AAGATGGCTGGTCTGAGCTCGTCAGGAACCATGATGGAGAAATCTGGTGTGAAATCGAGT
 GGCATTACCACTGCAGCGGATGTCATGGACGATCAGTCTCTGGCAAGCAGTGTCACTGAG
 TCTGGTCTGTCCAAGATTCCAGACACCTATGGTGAGATGTCTCGGGTGCTGCGGGCACA
 GTCGGAACACTACCGGTGCTGATTACAGTGCGACCGATTCAAGCGCAGGTCTGAACATGAGC
 GAGGCTGCATTGCAGAGTGGCACCCCAATGGGCGCTCTCGCTGGTGGATCTGTGTCGAGT
 TCCGATCAGGCCATGAATGACGCAGCTCTTCAGATTGCAGCGTCTCAGGGTCTGCACCA
 GCAGGTTCCATAGCTGGTATGGAGCAACTTAGTGCTCAAGCCACTGAAGCACCTGCTGGA
 AAGGCCGGCAAGCAGCTTGGCGATCTTTCTGGCTCAGCGCTCAATACTCAGCTGGCGTCC
 ATGGGACAGCAGGTAGGTGACAGTGTGAACAGCGCTTATGCTGCAGGCGGTATGGGTGGT
 GTTGATGTGGCTGGCAAGGTACCCGAGGCAGCACAGCACTTGTCTCAGGTTCCAGGTGAG
 ATTCAGAATGCTGTGACCAATGCGGATGCTGGTTCCCTCTGGCGCAAGCTTTGGTCAGATG
 GCACAGGGGGCAGCTGGTATTGCCGGTGTGCGAGGTGTGATCGGTGCAGCGGGCGCAGCA
 AGCTCTGCAGCACAAAGCGCAGGTACTGTCCAGGGTGCGATGGGTAATGCTGCAGCTGGT
 GCGGGAATGATCAACAACGCTGTTTCCGGTGGAGCTACTGGCTCAACAGGTGCCGCACAT
 GTGGTCAATGCATCACATGGACAGTGGCGCCTGGTCAGGCTCACTACCAAGAGTCTGGT
 CATGCACAAGCATTTGTGAGAACAAACAGGCCAACACCGCGCACACAGCAAACACGCGT
 GCACCGTCACTCAGCTCAAATTATGGGCGCGAACGTTGCTGGCTCACTGGCATCACAGGCT
 GTACGAGGAATCGGTGAGCCTGGTCAGATGGGTGCTAATGTTGCGGACGCGATGGGTGGC
 AGCGGACGCTCTGGTGGCCGTGGTGGAGCAACTCAAGGCGGTGAGGCGCACAGCGCAGC
 GGTGTGAGTGCTAAGAACGGTATCCGTGCACAGCGAGGTGAGAAGCCTTCTGTGACCGGC
 CAGGCGATGAATGCAGCAATGCGTTGAGCAGCGGTAAAGCGGTGCGATGGCAAACATGGAC
 GGCAACAGTGTAGGTGGCACTGAAGCAGATCCACAGCAGGGGAGTGGCGTAACCGAGAAG
 GGTGATAAAGCGTTAAA

>naRXA01761-downstream
TAGCGTGTAAACACAATGACCG

>naRXA01765-upstream
GCAGTCCGTCGGTGTCTGTTTTCCCTGAACTGCCGGCAGAGCTTACGCEACAAATCCCAGT
CAAGGCATAACACCGCACACCAAGAATTTTAGGAGGGGTC

>naRXA01765
ATGAGCAACAACGTAGTGAAATATGAGTGCGCGGTCGACGCCGACAACATTGTCGCAGTC
GATATGCATGTGCACTTGGAAAGTCGACAGCTGCCGGACACAAATCGATGCCGGCAGACATC
ATGGCGGCATCCTCGAAGTACTTTAAGACCGCGGAACGAACTCCCTCAGCAGATGCCATT
GCTGATATTTATAGGGAACACAAGATGGCGGCGGTGGTTTTTACCATCGATGCGCGGACC
CAAATGGGGCATCTGCCGAACCTCGATTGATGATTGGTGGCAAGCTGTGCCCGCAACAAT
GACGTGCTGATCCCTTTTGGCAGTGTGGATCCTCGTACCGGCGAGGACGCGCTGGTGGAA
GCTCGCCGACAGGTGGAAGAACTCGGGGTGCGAGGCTTCAAATTCATCCATCGGTTCAA
GGATTGACCCATCCGCGCCAGAGTTCTACCCACTGTGGGAATTGCTCGAAAGTTTTGGA
TTGCCATGCGTGTTCATACCGGACAAAACGGCATGGGTGCAGGTCTTCCAGGTGGTCTGA
GGCATTAAAGCTGCGCTTCTCCAACCCAATGTTGCTTGATGATGTTGCGGCGGACTTCCCG
AACCTGACCATCATCATGGCGCACCTTCTGTTCCCTTGGCAGGATGAGGCTAACTCGATT
GCCACCCACAAGGCCAATGTGTTTCATTGATCTTCCGGCTGGTTCGCCGAAGTATTTCCCA
GAGTCTTTGGTCAGACAGTCCAATAACGTGCTATCCAAGAAGGTGCTGTTTGGCAGGAC
TTCCCGCTGATTACCCAGAGAAATGGCTTGCGGCTTTCGCGAATCTGCCACTGAAGGAT
GAGGTTTCGTCCGGGAATCCTCAAAGACAATGCGGTGAAGGTACTTGGCCTAGCCGCTAGC
ACTGAGCGCGGATCTCAAGCAGAAAAGGTCGTGCAACATGCG

>naRXA01765-downstream
TGATCCCATTCAGGTGCTGTTA

>naRXA01767-upstream
ACACCAGCCCTCCACAAGAGCGTCGAAGCAATCTACGCTTCGACGCTCTTTTTTTCCTA
CCTACTCATCCCCACATAAGAAAAAAGACGACACCACC

>naRXA01767
ATGATTGACCATAAACTGTGGTTTAACACAGTAACCAACAACGCCTCTGTCCGAGAAGCT
GCAGGAAAATGCGACATACCCATCAGAACGCTCAACGAGCAGCTTAACCGTCGAATACTC
CCTGAAAAGACCGTCATCGCTCTAGCACGCGCTTATGATCTCTACCTGTTGATGCGCTC
GTTTCGACCCGGACACCTCACCGAAGAAGAGGCTGGTAGTCGTGAAGAAGATGCCAGCCCA
GATTGAGCTGACGACTACCTACCTGGGCACTGAACTCGCACCTTGAATATGGCATCTCTC
GGAGCTTTTGGCGACATCGCTGAAGAAGTAAACAGC

>naRXA01768-upstream
GACAACGAACACAACACCCAGATCCTGCACTGGTCCGGCGTTAATCGCTACCTCATGCAG
GCACTCTCCCGTACTCATTTCTAGAAAGGTTTTTCCCGTC

>naRXA01768
ATGTCTGAATCTACTTCTCTGCTAACTCCACCACCATCCTCAACGACACCTTCAACCCG
AAGCCTGGCGTACCTTATGCACGCGTCGATAATCTCGAATTTGCCACACGTGAACGAATTC
CGCGCTTGGGCTACCGCAGAGATGGAGGCCGTAACGTTATCTCTGCAACCATCGCCAAT
GCCCCACGCGAAGACCGCATCAAGTCTTTTGTGATGGATCTTGTTCGAGACGGTATTGAC
GACGCTGCTGAGGAAATCGTCTCACGCATTGATAGCGGTGACTTCACTATGAAGGAAGCT
CTCACCGCGATCGCGGCATCAATCAACGACCTCGATGCTGACGATGTAGTCAGCGACATC
GTTGAAAACCACTTCAAC

>naRXA01768-downstream
TAGTCAACACACCAGCCCTCCAC

>naRXA01769-upstream

CAGGACTAAAAACCTGCTGCTGTTGAGCGCTTCTCACACATCATCCTCACAACCCCGTT
GCAGCACCAGCATAAATCTATATTGCTGTGACGGGGTTG

>naRXA01769

TTGGGGCGCGCCACATTCACCTCTTTTCCCGATTGGTTTCTACTACACACCCATGACC
TCTATTACTACTACCGATACCCCGCTATATACAGCACTGCCCCATACCCGTATCTCTGAT
GCGGAATTGTTGACACCAACAACAACCTGTGCACGAGATTCTCGTTTACGGACCGGCTGAG
TGCCAGGGGTACAGCAACGCTTGACTTCTTGCACGCAAAACATGCCGGCCACCAAA
GTCACGTAGCTGCCGGTGATGTAGCACATACCTACATCACCAGACTTAGGTTATCTC
CAAGCACCGATTGTCACTGTCCGTATCAGTTCTCTGCTTCTAACCACGACAACGAACAC
AACACCCAGATCCTGCACTGGTCCGGCGTTAATCGCTACCTCATGCAGGCACTCTCCCGT
ACTCATTTT

>naRXA01769-downstream

TAGAAAGGTTTTTCCCGTCATGT

>naRXA01770-upstream

TGCTCATGACAGGTAATTCAACGCGTTACCCTGCTGCAGCATAAAAGAACCTGCCTCAAC
ACACCTCCACTTTTTCTACTTTTTAAGAAAGCCACATTCTC

>naRXA01770

ATGCCAATTATCATTGATAACCTCAATTCTGACGACGACTCCACCATCGGCACTGCCACC
GAATACAACCCGTACACTGACGCGGATTTACTTGATGCTATTAACGCTGATGCTGACCTT
GATGGCGACGCCACCATCAGCACTAACGCGACAGAAGAAGGTGTAGACGCAGCAGCTGAA
AAACCTAAGAAAAAGCGTAAAGCCCCCTGCTCTGAAGCCTAAAGGACTCACGGCAAAGTTC
TTCCACCGTGATCTTACTGGCGTAGGTGGTAGGACCGGTCGCCTCAACAAGAACGTACAC
CCGACCAACCCAGATCTGTCTACCAGCCAGTCTCTGATGTCTACACCCCAATCAGCA
GATCACAAGGGTATTAAGACCCGCTACATCCTTACCCATCCAACCCCGCTGTTGTTCTC
AGTGAGTCCATCAGCAACGCGTTTCATGTCTCTACCCTGCGTCGCAACAATAATGTCAAC
AACTCTGATTCCGAATTGGCTGCCTGGCCGTACCTCTACCAACTCGATATTCGCAGCTG
GACCAGATGATTAATGTGCTGACATCTGTGATTACCATTTCCACGGATATAACCTGTGG
GTGGATTTTACCCCGCAGACTATCGCTCTACGATCCGGTAAGACGGTACTCGATGACGGT
ACCACCGCCTCTGATAACACCACTCATGTCTATTACCGCGTCACCGTTCACGTTATTGCC
GGTCAAGATCATGGATCTACTCTGCTTGATGACCAGGGCAACCAGGTGCTTGATAGGGAT
GATAATCCTATTTCTACCCCAAGTATCAAGCGTATTGGCGCTGTCACTGATCTTTTCGAT
CACAATCCTTTTGGCTTCGCTAGTGTAACCTCTTTCGATTTGTGCTGATTTCTCATGGGAC
CCAGCCACCACCTTGGTCGATATGCTCAACAACCTTGATTTCATATCTCTCTAATCACATC
AATATTGCCAGCTCCCCAACCCCATTTGCCCTCGATATGGTTGTGCTCAATGAATGGTCT
GAAAAGTCCATCAGCTGTGCGAACGCGTTGTTGCACAGGCAAAGCTCATCAACAGCAAC
AAGATCACGCAATGTGAGTGATGTCATCAAGCAAAATGCCACAATATCTGTGGTTT
ACCGAACAGATGAACCCCTGGCACCACCAACCTCAGCGAGGTACCTATCTCCAAGAAGTCT
ATGCTGCCGATGTCTCGCCAGCTACGTATTTTGGAGCACTACGATGTACCACTGACCGCG
TACTCTGCTCTTTTCTGGACTGTGACGCGCATTAAGAATGAATCTATGGTGCAGTACCTT
GTGCGACAGAATATGCAGCTCACCTTGAGCTCAAATCTGGATGCACTCAACTCCATTGTC
TCCCAGCTCCCTGTACCAGATAAGGACGTTGTGGCTGCTTCTGGCTACCAGATTCAGCCA
CACTTCTCCACGCAGCAGCGTGAAGCAATCACCAGTGAATCCTCTCGCGATTATTTCAG
GCCGGTGCTGGTACCGGTAAATCCACCGTGATTCTGGAACGCATTGAGTACTTGTGCGCT
GCAGGCACCAACCCCTGAAGAGATTGCTGTGCTGTCTTTACTAATGCTGCCGCGATAAC
ATCACAGCAAAAAATGACAAGGTGACCTCTATGACCATCTCCAAGATGGTTCATGAGATT
TACGCACACAATTTCCCTGATCATGAGATCTCCACCATCGACACCATATCAATACGCTT
GATATTGAATACGGCGATCAAATGGTGACCTCCGATTACATGATTACGCTCCGTGACCTG
CTCTATAAGGTCATGACGCAGGGTGGCAACGCCAACCTGACAGCGTTGAGCATCTTCATG
GAATCCCATATCGAGGCGTTCATCTCGGTGTTGGATCAGATCAAGCAGACTTCTTTGAG
CTGGAATCATCATCTGCTACCTGCTCTTGGATAAGCTGATCGAGCCTCATGCATCGCCG
AAGTACCTCATTATTGATGAGGTGCAGGACAACCTCGGTCTTCGAGTTCGTCTTTGCACTT
CGTTTTGCGGCAAAGCACAATACGAGTCTGTACTTGGTGGGTGACTCGTCACAGACCTTG
TATGAGTTCGGTTCTGCTAACCCCTAAGGCTCTGAACTCCCTGGAAGCATCTGGTGTTC
GGTACCTACCGTTTGACCACCAATTACCGTTCCAACCAGGAAATCTTGAATTCGCTAAT
ATCCACCTCTCGGATATTGAAGCTAACCAGTTCGAGGTATTACGCTCTACGCCAACTCT

TTTGATGCACCTACTGCGGACAGCTTCAAAGAAAAGGTTGAACTGGACATGCACCATGTG
TCTAAGCAGTCTGAGTTTACCGACAGCATTCCCTTATTTTCATGGAGTCCAATAAAGCTCGC
TTTGATGCTGCGATCTTGAACAATGAGCAAACCATTTGTGCTTGCTCATTCTGGTCGTGAA
ATTTCGTGCAGCGCAGCAAGCGCTAGCCGAGATGTACCCAGCATCACGGTGGCTAACTTG
CAGTCCGATAAGGGTTTCAACAACACGGTATTTTCGACCTTTATTAAGGATTTCTGGTTT
GAGGTCACCGCTGTAGACCCAGCTCATGCCGATTTACCTTTACCAGCCAAGTCACCGCT
CATCTAGATAAGTTGGTACGCGGAAAGCGTGAGCAGATGGAGGATCGCGTTATCCGGTCT
ATGGCTGCATGGTGGCGTGAAAATGAGCGTGACATCCAGGGTTGGGTGCAGCAAACCTCAG
TCCGGTGGCATACCAACGAAGAGTTCTTCTACCGTCTTCGTGAGTGCATTCTTGACTAT
GAAATCAGGAATAACCGAGCACGTGAGTCCATGCTCAATGCGCGCAACAACGCTAACAAG
GAGGCTGTGCGACAGGAGAAACCACTGCTCATGGTCTCCACCATTACAGTGCAAAGGGT
CTGGAATTCGATAATGTCATCGTGCTTCAAAAACCAAGCTCCGATGCAGAGATGACCGAA
GAAGGTAAGCGCGCAACCTATGTGGCGCTGACCCGTGCAAAAAGCGTGAACCTCATTATT
GCTGGTTCTACTCGCGCATACCCACGCATCGTCACCGATTATGAGCAAATCGTTGATCTT
CTTGAAGCTGAACAGGAGACGCGCGCCCTTGCTGCTGCTGAGGCGCAGGCTCAGGCGTTG
TTGCTTGAGCACAAACCCGTGGTTGCGTGATCTCAGCGATGAAGAAGTCACTGCTCTAACT
GAGCAAGAGATCATCAACAATGTTGAGCCAGCCCTACAGATTGAAGAAGAGGAGGAAGAG
GCTCGTGCATCGCTGCAGCAGAGCCAGCAATTCAGCAGTACTTGTCTCAGTTTGCTTTC
GATGAGTTCCCGACGACGACAATGTAGCCAACACTGTCGTACATGTAGCACCACAGCCT
ATTCTCCACCAGGCAGTGCCTGCAGATGTGACTGTACAATCAAGCACCGCCCCGTAACA
CCTGTTGTTGCGGATCTTGAGGTAACCACTGTTGCAGCTGATCCAGTCGAACCGACTATC
GTTGCTGCACAGCCTGAGGTGGACGACAACCTTGTCTACAGCACGTCCACCCCTAATAGT
CACAGTGACGTTATTGCAGTGAACCTCTGATACCTCAGAAAACGCTGCTGTTAATCCAGTT
CTGTCCGATATTGAGGCACTCCGAGCAATTTTCAACAACCAAGGAC

>naRXA01770-downstream
TAAACACCTGCTGCTGTTGAGC

>naRXA01771-upstream
TGCCCCGCTGTTGGTGGTTCCGGAGCGGCGATAATCGCTAAACGTTTGAGGTGATTGTAT
GGGTATTTTTCAGGTCGCGGTGCGCAGGATTTTGGGTGGAGC

>naRXA01771
ATGCACCAGGCTGGCCAGCTCATCAATGATCCCAGTCAGGGTCTGTGGCGCACTTCTGCC
CTGCGCTCGCCGGTTGCTCGGGTTGGACATGCCGTGTTGCGCCAGCGTGCCGGTGAGATC
TCGCGCATGCAAGGTCGTGAGTTTCTCGCCCTGGGGATCAGTTCCGACAGGTAGATTTG
CGCAGGCGACTGATTAGGTCCATCCCCAATCAATTCTACAGCGGATGCGATGGCCGTA
ACCATCACCATGGCGCTCACCGCTGCCACGATTGATCCGGTGAAGTTTCGTGCGGATTCA
CAGAACCCGGATGAAGAGATTTATTTGGCAGCTCAGATCGCATTGCGGGAAATGGTTATC
GCTATGCCCTTTGGAGGATTTTCATCGGGGTGCGCATTGATCTAGAGCCTGTTTTGGTGGCT
GCTCAAGCTGCTGCCAAGAATGTGGGCGTGGAAGTCTCGTCAATCTTGCTGAAGGATCTG
AATCTTCCCCAGGAGTACTCGGGAGCGTTGCAGGAATCGATCGTTGCGAAAATTCAAGCC
GAAACTGATCTGGAACGTGCACGAAATGAAGTGAAGTAACTACCCGTGCTCGACTTGCCAGC
GCGAAAGTGTGGAGCAAAATCCGATTCTTGCCAAAATTCGGATGATTGAAGCGCTCCCA
CCGGGATCCACAATTGAGGTTCCGGAGGGTGAAGTCAAGGCA

>naRXA01771-downstream
TAAAGTTGCCCATTTCCGGTGCCC
GTTTGTACTGTTCAATGAGCATTTTGTGGAACAACCTTCGAGCACTG

>naRXA01773-upstream
TTTCAGCGAGATGGCGTGCGCTTTGATCATACG

>naRXA01773
ATGATCACCCACATTCAAGCCGGCCTGCATCTTGGTGGCTGCCGCGCAGCAGGTTTACTG
CCTATACCAGCACATATTGATCATATTGTGCGCCTGACAGCCGAGATTTCTATGACACC
CAGTCAGCACCGCAGCTGCTCAGCAACACTGTGCTTGATGTATTGGACACCACCACTCAA
GACTTGAAGGCATTGTGGCCTGTTGCAGAACATATTGCTACAACCATTCTGAATCTGAG

AACGTGCTTATCCACTGCCAGATGGGTATCAACCGCTCAGCTGCACTCATGACACGGGTG
TTGATGTTGCGCAACGATTGCACCGCCGATGAAGCAATTGCACTGCTGCGTGATCGACGC
TCACCGTTTGTACTGTTCAATGAGCATTTTGTGGAACAACCTCGAGCACTG

>naRXA01773-downstream
TAAGCGCTCAAAGACCCATTACC

>naRXA01774-upstream
CTGCGCAAGAAGAGAAAAACAACGACAGCGAAGCTGCGTTCCGGCGAATCGGCGATAAT
CACACACCACTCTTCTGAGAGAATCCTGAGGTCATCACC

>naRXA01774
ATGTCACCGAACTTCCAAGCTCGCGGTACTACTGCGCCCACTGTTGCTTTGTCCATGCGC
CAGATCGCGCACATCCGTGAAGAAATTAAGAAATCACCACCTGCTGCTTCCGTTTTTCATC
ACACCCACCACCAAAACAAATGGTTGTCCGAGATCTAGAATCACTGTTCCAGCAGCTCTAC
CACACAGATCTACCTGAACCATCCATCAAAGACAGTGGTCTTATCAGTGCTATCGGCTCT
AGCGCCGGCAATACCAATAATCCAGCACTCGCCCTAGAACTCAGATGGCTTACCACCTG
GTGCTTGCTATGCACCACACCGATGTTGCTACCTGGCACAAGGTGGTGACCAAAAACATC
ACCGAATCTGCTGCTGCACAAGATGCTGCGGTGAGCACAGTGCTAAATACGATGCTGTG
TACGATGCCGCACTTATGGGCATCACTGTTGAGGAAGGTAATGTCGGTAGCATCGCT
ATTGCCTTTAGCACAGCAGTGCGAGACGGTAAATCTGATTGGTGTGTTCCGGCATCAGC
CGCTACATCGAGGTACCCGAAGCCTTGGATGCTGCGCGAGCTGTCACTAAAAATACTGAT
GCGCTCAATAAACTGCTCTACCAGACGTGCAGCCGGCGCCGGTTGTGCATTCAGCACAG
TTCATGAACAAGTCCGCACACGATCATGGGGTTAATACTGCGGAAAAAGATCAACCAACC
TGTTTAAAGACTGTGCATTTACAACCACATCGTTACCCCGAACAGGCTTAAAGGCTATT
CAA

>naRXA01775-upstream
GTGGAACCAAGACGAGGAAAGTATGTCTATTTGTTTGTCCCCAGGTTGTCCACATTTG
TTTTATTCCCCGAGAATGTCTAGAAAGGAACTCGACCCC

>naRXA01775
ATGTCCTATTCACCTCATTATTTCTAAAGCACCAACCCACTCCATGCCTTTTAATGAGGCT
GAACTCCTAGAGCTTGTGATGAAGTGCACCTCCGACAACACCGTGAAAAAGCCGGTTATT
GTGCCACTCCCCGATGATTTCTCCTACACCGTAGATAGCGCCGTGCGACTACATGATTTG
GGTGTGACCAGGAAGTACTGACTGATGATTACTGCACAAGTTGCTGCAGCCTATCCAAAC
CAGATCGTCTCAGAGATTGCTGCTGCCCCGTGATCCGCAAGCCAAGACCTTATTCTCCGCC
AATGCGTATAACACCAGGTCTTTTGGTACTTTTGGACTGAGCACCCCTATTACACAGCTC
CAATACAAGCGCTGTACCAAATTGTATCGAGAAGCTTACGGGTGTCTATCATCCGTTA
CCTGTTGATAACTACCGCTACGTACCCCTGTACGCCCTCATTGCCACAGCCGGTCTAC
CAGGAAGCTATCGCCTTAAATGAGTCTGATGTCGCTGATCACGGTACTCGTGCAGCCAAG
CACGCAATGATCAACCGCAACGTA

>naRXA01775-downstream
TAACCACACACGCCACAGATACT

>naRXA01776-upstream
CGTATAACCACACACGCCACAGATACTCAGCTATCTGTGGCGTGTGTTTACATCAACC
TCTCACCCATCCCCATCACTATTAAAGAAAAATCACCATC

>naRXA01776
ATGACCCCACTGATACCCAGCCCCGTGCACACGGCGTAACACCGAGTGAATTCGCTGTT
ACCTCACACGAACTACCACTACCAACACCTAGTCCGACACAGGTGCTATTGCAGCC
CAGGAAAAAATTCGCCAGCGCAAGCTCGAAGAGCTTAAAGCAAAAAGCGCACAGACAG
ACAGCTCAACCACTTCTACCTGCACCTGTGCTGCATACACGCCCACTCCCCACCGAAT
CCACCGCGACCATCTCCACCGGCACCTACCACTGGACACTGGGAACCTTCTATTGTCAGG
TCACAGCAGAAGAAAATGACCGCAGCCAATCCCTTTCTCAAATTCCTTCATCTCGGTAAA
GCCTTCAACGTGAAAGACCTAGGGCTCACCTGCGATCGCACCACTGATGTTGACCTCTCA

CGGCTTGGCAAGCTCAATCCGCCCAGCTCACTTATCCTTGAAC TAGCAACGGCACTTGAC
 CTGCATCCATTCTCTCAGTCGCACTCTCTTCGCACAGTGCGGTCAACGCCCGTCGCAAC
 CAACTTGAATTAACCCTGCACAACCATGACACTCAGGGCAGAGCATTAGGTACAGCGTT
 ACTATGGTCCAGCTACCCGAGGTCAATTAATCGAGCTGCTGTAGAGCCCTATATCAAACCC
 AAGGGCTCGGGCAATGACCCGCTTGACCAAAGCCTGAACCACCGCGCACCCACCGTAAGT
 GACGTGCAAAAAGCCCTTGTCAGGAAAAACACAGGCACGGCAACAGACAGCAACAACCTAC
 CTGCTTCCTTTTGATCCTGATTCTGGTGCACAAAAAACACGCGGCTTAATGEGECTAAT
 AAGGATCTCTACAGGCCAGGCATGAGCTTGCCCTATATTCCCAGATCCCCGCCATTGCA
 TCGTGGCTCGATCACCTTGACCCCATCATGCGTGTGCACCGTAGTCTTGCGCTTTCAATT
 TTCCAGTGCAGCTTCTACGTGCTGCCGTTGAGAATCTCCCTCATAACGTAACCGATCTG
 CATAATCACCTTGATCCTGAGGATCTGCTCCCTGAGGAACTCACCACCTGGCTCGATCAC
 CTCTTCGATGCAGACTTAACCGCTCTCGCTTCATGCCCACAGCTTGACCACCTATCGTG
 CGCAGCCACAATCACGCCAAAGCGATCGCAGCTATCACCGTGACCTCTGTATGGACGCT
 CTCATCGCCAAAACCTCTTGATGCGCATGACGATCCACTGCCCTCACTACCGGAGTTTGTA
 GAACTACTCGGTGACGCTGTAGCCAGCTCGCAGCGCATTTTAAGCAGCAGCGCGGCGAG
 GTACTACCGCAGCCCAATGGCTTGCGATACGCCACCGACTTTGGCCTGCTCTTATATT
 GCCGATGGCTTACATGAATATGCACTTGCCATCGACTTCGGGCTGATCTACCCGAATGAA
 CTCATCACCGAG

>naRXA01776-downstream
 TAAACCCACTCCTAGAAAGGTCT

>naRXA01777-upstream
 CCGATGGCTTACATGAATATGCACTTGCCATCGACTTCGGGCTGATCTACCCGAATGAAC
 TCATCACCGAGTAAACCCACTCCTAGAAAGGTCTTTACCC

>naRXA01777
 ATGTCTCGTATCATCACTGCTCCCGTCCACAAGCCTTATATTATTGCTCGTGAAGTCAAG
 GGGGTCTCCCATGTCCACGACACTGTTGGCGGCAAGTGGCAGGCCACCTTGCAACACTT
 AAACCGGGGCCCTCTGGCCGAAACCGTCACAGTTCACTGCGCCTAAATCCACGTCCATC
 TGGTTTTATTGCGGTAGCAACCCACCCACGTAACCCACGGGCACGCAAAGGTACCCTACTT
 GGTGCGGGTGGTTTACGAACCTCAAAGACACTGATCTGAACCTTTCTCACAGAGCGACAG
 GATTTGCTCGCCACATCTACCTCTCGTGACCCAGAGGATTGCCGTTTACGCTTTAATTG
 CGTCACGATGCAGCAGCATTTTACATGCTAACGCCCGCCACATCAACAAGCTTTTCAT
 CCAGCACTAGGTCATGCTCGCTACGATCTCATAGATGTG

>naRXA01777-downstream
 TAAGCACAACGCTTAGCTTATGA

>naRXA01778-upstream
 CTACTACCCCTCCGGGTGTGGGGTAGCTGTAACAACCTACCCACAATCTTAGCCGGTCT
 TCCATACATAACTGCGAAATTGGTTAGAGTCTTTTCATG

>naRXA01778
 ATGCTCTACCAACACACCACACGCGGGCTGATCATTAGTGACGCGATCATCGCGAAAATC
 AGCCAAGTCAACCAACTGCTGCTACTAAGACCCACGCTGTTGCAAGACAAAGATATGCAC
 CATGCGACATTGAGTAGCGACACCCCATCAATTGCGAGTCGCCGTCGCTCCTATCGCGAG
 AATAAAGCCGCTATGCGACCACGAGCACCATCAGAAACCGTGAGACCTTTTTCAGCACA
 TCTGATATTGATTTGCGCCATACTCATGATTTCAGGACGTACAAGAATCTCTCGTATCTTT
 GACCCACCTTGGCTCAAGATATGAAGCCAAGAACCAACGAGTCATTTCTGCACTCAAT
 GAGCTACGCGAGCCACTGGATACCTTCTACCGTGCCCATGAATACGGTGACATCATCAGC
 GATGGTGCTTATGAGTTCGATCATGCTGCCATTGATGCACAACACAGCCTTAGTGAACCTC
 GTTGCCGGTCTGCATAATTATGACAACCTCATGTTTCCCCAGGAAACCGCTCCGTTGATG
 AGTGAATCCAATGGCATTGAGCTGGCTCAGTACTATAAGTCCACCAAACCTCGATGAGTCA
 CAATTGACGGTGGAACTAATGAGCCTGGTATCAGCATTATGTGGCAGGCCATGATTTT
 ACCTGGTCTTGCCTAGTGCGCTATGACGACATGAACCGTTACCCTGAGCATTTTCAGCATT
 TCTTTTAAAGACATGCTGATCCCTGAACAGATCTATACTTTCCACTTCACCCACGTGAG
 GCAATGCAACTGCGCAAGGGACTTTTTAATGCCATCGCTGCCTACAAGTCTCAGACATGG
 GGTGATGAGAACACTGATCTCACCAAGGCTGAACTCGAATTTGGTGGCACCTCCATGACC

TTCCGCGCCGGCCTCTCACAGCTTAGCGTCACCGGACCTCCTGATCACCGCCAGGTGTTCTGCTTGTGCTCTCTGGTCTGAGGATCACAAACCCCCGCCAAACATGCGAGACGGACATGTCATTGATATTGCGGTTACTCAATTGTCCACCCTGCGTAACCTCATTCGGGTACTGTGCACCACTACCCGGATCATTCACCAGCACTGCTACCTTATGGTCAGCAGTACACCATC

>naRXA01778-downstream

TAACATGCTCTAACTCGACCCCG

>naRXA01779-upstream

TTAGTATTTAGTCAATTAGCCAACCTACGATAAACTAGTGAATAAACATACTAGTTCACTTTGTGCGGCTTAAAACTAGAAAGTAATATAAAAACTC

>naRXA01779

ATGCGTTATATCCCGTACCCACCGCGCACTCGGACTTGCTGCACTTACCGCTACAGCTCTCCTACTGAGCTCATGCTCGACCACCGCTGACCTTCTCGGCGCCGATTCTGTGGCGCAGGCTGTCACCGATGGTGGCTCTGCCCTTGATCCCACTGCAGCTCATGTGCTCACCATCACC AATGCCACTGCAATGACTCTTGCTGAGCTACCAGAAAACACCGACCCTGACGCAGCCAAT AACACGGAGCCAACAATGGCCCAAAGCGCCCTCAAGCGTATTTACGGTCTCGAAATTGCC GCCGATGGCACTCTGATTGCTGTGCGAGCGCCATTAACCTCGCGAAATAGTGGTTCTGAG CAGCCTACTGTGCGAGCAATGGCTGATCCAGAAAACAATGCTGAACTCACCACAGCACAT ATTCTTGAGATCGACCCAGCCACAGGAAGTCCACACCAAGTCAAGATATTGCTCTGACT GAAGATTTTACAGCCATGGCTAGCTCTTTTAGCCAGATCCGTAATGGCTGGGGTACTACC CAACTCATCGGACAACACCCTGATGATCCCAAGCAACCTATTTCGTTACAGCTGATACCTGG ACTGTCACCGGCTCCACTCAGATCACCGGCTTTAACACCAACACCCCAACGGGAACCGAA GATGCTGCCTACACCATGCCGGCGACTGAGCCAGCTGTGGGACTGTGCGCTCTAGAATCA GGCTCCGATGCACCACTGGATGAACACCGTGAGCTCAGCACCAGTGCATTGCGTACCGCA TCAGTATTGTCGAGCTCTGGATCTGCCACCCTCAAGCTGCATGATCCTATGGTCATGTCT GCTACTGGCATTGTCCAAGCACGCGCCTATGTGATGGCGAAGTCATTAACCAGCACGAG ATTGGCGATCTCCGCGAGCAGCTCGGTATCACCATCGAAGAATCTGAGGCTGCTCAAGCA GAATCGGATGCCCCAAGCAGCCACCGATCACCCACTTGACGCCCTGGGCTTAAGCAACCCC ACCAGCTCAGCGTTGGTTCCAGGTCTTGCTGAGCTTGATTGTCTCAGTGCTGACCAAGCT GCCACTGGCATAACCGCGACACCAGCATTTGGCACCAGTAAGCCAGCGTGCTTGCTGTC ATCAACGCGGAAATGGCCGATGACTTTACCCTGCAGCTGTTGAGCTCAGGTGCCACCACT GCCGAAACGCAGCTTGCCAGCTGCCGGATGAAACCGCGTTTCGTGCTCATTGACCCATCA TCTGGTGTCTTACTGACCTGTTCTTTATCCAAAGTCTCAACACTGATCTGCCGGCACCA ACAACCCAGATTAATTCTATTGCTGTTGATGAGCGCGACCCCAACATCATCTACGCCACT TTTAGCGGCGATGACCACCTGTACCAAATGATGCTGGGT

>naRXA01779-downstream

TAGTTACACAACCTAACTAACCAG

>naRXA01780-upstream

CCACTTTTAGCGGCGATGACCACCTGTACCAAATGATGCTGGGTTAGTTACACAACCTAAC TAACCAGGCACCAACATTTTCTTAAAGAAACACCCTTATC

>naRXA01780

ATGACTTTTCTCCACCCCAAGGCTGCGTTCTACCCTCTCACCATGGATCATCTTACCGAT CTCGGTCTTGATCCTGAGCAACTCATTAAATGAGTTGCCGACGATTACCTACGACGTCAA CCACACAATGTCTTTGTTCTACAGTTACGACCCGCGATGTGCGCGTCTACCAGGAAGGT AATACCCTTTTTATCCGAGTGCTGAATTAATCAACCCTGAACTACGACAACGACAGCGC ACACAGCTCAACGACGATCTCAACAACCCTGCTTCACTTCGCGTCTGTGATGAGATCAGT GGCCGACGACCGTGTCTCTCAAAGACAAAAGTGTGTCACTCACGATCACGGGACCAAT TGCTGTGATTCCGCA

>naRXA01780-downstream

TAATCCTGATGAAGCCAGCGCCA

>naRXA01781-upstream

CGACAGCGCACACAGCTCAACGACGATCTCAACAACCCTGCTTCACTTCGCGTCTGTGAT
GAGATCAGTGGCCGAGCACCGTGTTCCTCAAAGACAAAA

>naRXA01781

GTGTTGTCACACGATCACGGGACCAATTGCTGTGATTCCGCATAATCCTGATGAAGCC
AGCGCCAAGGCTGTCGCTACCAAACATAAGCACACCTTGTCCGGCGCTACCTCTGATCAC
CETTATGCCGGCATGAEGETTAAAGACATGATTGAAEAGGGETTTAEGGTCACACCGCTG
GAATTCCCGCTCTGTGCTGTGATGATCCAACAGATTCTGATCGCACCATGCACGTGATC
AATGTTTCGCGAGCACAGTATG

>naRXA01781-downstream
TAGATTCTAAAGTGCGGTACAAC

>naRXA01782-upstream

ACGTGATCAATGTTCGCGAGCACAGTATGTAGATTCTAAAGTGCGGTACAACCTGTACCG
CCCACACAATTCCACCCTTTAAGAAAAGGACTTAGCCATC

>naRXA01782

ATGACCACCTTCGCCCTTATTGCTAGCCCCAACAAATGTTGATCCCACTGCTGAGTCCCCA
CTCGCCATTGAAATCCATACCGATGAGGACAGCAGCTATCCACTAGGGCTTATTGACTCA
GACCACCTGGTTCTGCTGTGATTTACGGCGATATGGTGATCTACACCAAAACACTGCTC
GCACAGACCCCAACAGATGATGTGTCCACTGCTAGCGCCTTCTTCGACAAACTCACCGCA
CTTGACGCTCAGGGTCGCACCCGTGATCTGGTCTACAGCGCCACCTACAGCCAACCTGTT
ATTGCCGGCCACAACCGCACTGTATTAAGTACGACTCAGAGTTCTACGATGAGTTTAC
CAGGTTATTGAGGCTGCTCCTGGGGTGATCTTGAAA

>naRXA01782-downstream
TGATGTTTATCGGGCAACACCTC

>naRXA01783-upstream

ACCAGGTTATTGAGGCTGCTCCTGGGGTGATCTTGAAATGATGTTTATCGGGCAACACCT
CACACTTAGGCTAGGTCTCTAACATGAAGCAGATAGCGCC

>naRXA01783

ATGATCAATCTTTTGTGCTGCAGCCCTGCCCGCATTCGAGCCTTTGAGTATTACCTCCATA
CTCGTGCTCGGTGCTGTGGCATTGATCTGTGGCTCCCTGTTTTCTCGCACTGGAAAAA
AGCGCTGAGCTCGATGATCTCTTCGCAGCACTCATCATCGCTGTACTTTTAGGTTTGTCT
GCTTATACGTTTGTGCTCCCCAAGCTCGTTGAATTGGGCTGTACTATTTGCCAGCTC

>naRXA01783-downstream
TGACTAGCGACACTTACACTTTC

>naRXA01785-upstream

GACCCTGGCCCAACTTTGCAACAGCACCATCCACAGTGATGGCACTACCAATACTGAGCC
TGACTACGCATCTAAGGCGGGCGCACATTAGTGATGCAACT

>naRXA01785

GTGGATCAGTTCGTTGAGTTCGGCGGTGGACAAGCAAAACATTAACCCTGATGGATCAGCG
ACCGTTGATTGGGAGGGTTCTTTACGATCAACTTCTACGATGGTTTGGTGCCGTTTACC
ATCACGAATCCGCACCTCGAGGTTTCTGTAGCTGGTACTGGTGTGTTTACTGGTGACCTC
ACTAGCTATGCAGTGGAGATGTCGAACCCGAATGAGAAAACCCCGTTGACTGACTGTGAT
GAGGATGTCACGATCACAACGTTTGGGGGAGTGAACCTTGATCCTGAAGGTGTGTGACA
AGCAATCCTGATTATGACGGAGTGATTGTTGATGTCCCACTGGATGCCACCTCTCAGGTT
ACTTCCGGTGCAGGTTGGGGAGCGTGGCCGCAGGGCTTCCTTGATTTCCACTTTGATACC
AACTTGCCCTTCCTACTGGTATTTCCTCAGATGGCGCAGGTGATCCTAAGAAGGCGCCTATG
AGCTTTAATGTTGATTTCATAATGGTCCAGGTCTGGTGAACAGCCAATTGCTCCACAGG
CAAGTGATCTCAATGCCGGAACCAAGGCAGTCTCG

>naRXA01785-downstream
TAGTTCCATCGGAGGCAGAAGCT

>naRXA01787
ACCGAGAAAATTGATAAAGCTCAACCACCTGTCGATCAACTCGGGAGTTTTCTCCATGGC
CTAGAGACCTCTGTGCGAGATTTGGGGGTTGGTGATCGCGTATTTTTGCCACGTTTTAGC
ACCTTTGATAAGAACTCGGTGCTACCGCATCCACACTGTTCTCGGATTCGCTGAGAAC
GATCCGTTTTAACCTATGACCAGCAGCGAGCGATTTAAAGGTAAGCCCTATGTCGATATG
TTCGACAATCAAGACAACGCCTTTAACCCAAATTCCTATATCACTACAGATACCGTGCGC
ATCGTTGTCGATCCTGTACCGGAACTAATCCCGACGATGAGAAAGCAGGACGC

>naRXA01787-downstream
TAGCCATGTCTCGCAGCTACCCC

>naRXA01788-upstream
CCTTTAACCCAAATTCCTATATCACTACAGATACCGTGCGCATCGTTGTCGATCCTGTAC
CGGAACTAATCCCGACGATGAGAAAGCAGGACGCTAGCC

>naRXA01788
ATGTCTCGCAGCTACCCCATCTACATCATTTCTTTGCCCCAGCGGATGATCTCCACGGC
GTTGGAGGATTCGAGTGGGTTCCAGCATCAACACCAGAAAACAAAGCTGCCGCCTTCACG
ACCTTTGATCGTCAATTCGATGATTCTCGTAACAATGGTGGCTCGCATATTGTGCGTCTA
CTCAATATCTCTGATCCCAATATCACAGCGGATATGACCCAAGACGATATTACCGCGTAC
CTCGACTCAAACATCGACCGCTGGGAATCCACGGAACATGCGCTCAAGCAGTTGTCCCA
CTTAACGCGGGTGCTGATCGCGTACCTACCGGTGGTGCCGACGAGCACATTACCCACGCC
TGCCGCATAATAACTGTGCAGCGTAGCTGCACACGGATTACCTGCGCTGTGGATGCATC
CCAACACCACAACACCGCCCC

>naRXA01788-downstream
TAGTGCCATAAATGCTAGGGGTG

>naRXA01789-upstream
TGCATCCCAACACCACAACACCGCCCCCTAGTGCCATAAATGCTAGGGGTGTTTTTTTCAT
ACCCACAACACCGTTCTTCTCTAGAAAGAGACTCGATACT

>naRXA01789
ATGCCTCATAACCCCATCGAACTTCACACTAATGATGTACTCGATGCTCTCGACATTGAC
GCCATCTGCGACGATGTGTTTCTCTACACCGACTTCGAGCACACCCAGGTCAGCTTGAT
CGCTTCGAGCACTCGCCTTCACAAAATCTACGACATGCTGGAAACAGCTGCTGAAAAA
TTCCAGATGTAGCAATTAATGACACTTTAAGCACTGGCAACCACGCTGCTGAACAGTAC
TTTCTTGCCAATCCCGGCAACATCATCGTGCTGACCAGCTTCGCGCTCAATCAGACCGAT
CTCCGCGACCTCATAATCTCACCGTGCATTAAGTACACAGCACATGCACGAGCACTCATG
CGTGCGGTGACACGAACATTGTGCACTGCAACAACCCTGTAGAACGCGGACTATCTTC
CCTGTGTCTGTGCTAATGCCTTAAGCATCGAAGCGCTGTGTTCCGAATATCATGCGTTC
CGCACCAGAGGTGCTCAACACTGCTGCACTCATCAATCCTGATAACACTCTTATACCC
ATGTTGTTGAGCAAAGCGTATGAGGCATACGCCTGGCACAAGGGTGTGCAATCCGCGCAA
CGAGGTAGCAACCTAGCTCGTGAGTACTACGCAGGACTTATC

>naRXA01789-downstream
TGAAAATTCACTACTCAACTCTG

>naRXA01790-upstream
GAAAGGCTCGAACCCCATGATCGTTGAGGTAGCTCCGAGACCGAAGAGATCAGCCTCAT
TGATGATGATTCCCTGATCTCGATGAGGACGATAACACC

>naRXA01790
GTGCTCATCGCCGAAGACATCCGTGATATGGATGACTATGGCGAAGATCATCCTGATCTT

>naRXA01790-downstream
TAAAGCTCACTGTTAAGCCCGCA

>naRXA01791-upstream
CCGCCTGTGCAACTAACCCTGTTGTGCAGGCGGTTTGTCTATCTACACCAACAACCTCCA
CAACACTATCCGGTCCAAATCTAGAAAAGAGACAACCCCC

>naRXA01791
ATGACCTCCCCACACGTTAAAGCCCTGGTCTATTTCGCGGACCCATCGACGGTGAATAC
ACCATGCTTGAGGCATATCCGTTTTCAGTATGTAGCAAATACTCGCCCGGCCATCATGCTC
TACGCACTCGATGAAAACGGTGTACCGGAACAATATGCCGACCTCACCATCAACCTTGCC
GATGTGGAGCTCAAGCAACTTAACCACGTCATCATTAACCCAGATCTGCACGCTGATGTT
ACCGAACTGTGCATTAGCGCCGGCTGCTGCGACCTGGTGTCTGGGCCAGCACCAGTC
GGTAGCACCACCGCAAGGTCTACCGACTCACTGAGCGTGCTGATGGCTGGCTACAGCTG
TTT

>naRXA01791-downstream
TAGCAGCTACCTGCGCCTAATCC

>naRXA01792-upstream
GACTCACTGAGCGTGCTGATGGCTACAGCTGTTTTAGCAGCTACCTGCGCCTAATC
CCCCACCCATACTCACTCCAAAACAAGAAAGTAGTCATC

>naRXA01792
ATGCCTCAGTACACCATCACAATCACCGACGAGCAGAAAGCTGTTCTACACAGCCTCACC
AACCCCATATCGCCACTGCTGAACACGGCGCTATCACCGCAATCGAGATTCATGACGAC
CACGATGTTGTTGTCTATCACGTTCAACCAGACGGCACACTAACTTACGAGCGCCTTGTT
GAAGGCTTCCATTACGGCTGGACACGTTTTGACAGCGAAGGTTTTGAGATCGACTCCGAC
AATAACCGCGTTGTAGACGGACTCCGCGACGAA

>naRXA01792-downstream
TAGTTAACAACAACGACCGCACA

>naRXA01793-upstream
CCTTCTCTGCAGGCTACGCAGTGCTGCGCCTAGTTCGCAGCCTGCGCCGACTTTTGCAGC
GCCACTAAACACCCAAAACACAACAAGAAAGAAACACCACT

>naRXA01793
ATGGCACAATACCGCGTCAGTTTTATCGCGCTCGCCGAGTCAACCATCGAGGTGGAAGCA
GACAGTCTGAAGAAGCACTCGACCTAGCCAATGCAGAATTTGACTACCCGGTCACCTTG
GCCGGCGATCCCTATGAGCTGCACGACTGGGAAGCACGCGCTGAAATTGAATGGCTCGAT
ACCAGCTCGACCCCGCAGCAACGCCTTGAGAGAATGTCGTCAAGATCGAAGAT

>naRXA01793-downstream
TAAACTCGATCATTAAACACACT

>naRXA01794-upstream
ATACCAGCTCGACCCCGCAGCAACGCCTTGAGAGAATGTCGTCAAGATCGAAGATTAAA
CTCGATCATTAAACACACTCTTAAGATAAGGACACTAATT

>naRXA01794
ATGGCAACCCACCGGTTCATTTTGTGCGCAACCGCATCCGCCTACATCGACGTTGAGGCA
GATTCCTCCCGAAGATGCTATAGAAAAAGCGTATGATCTCGCCGGTGATCTGCCCGGCCTC
ATCGCCGACAACGAATTTGATCTCGGTGAATGGGAGGTACAGGCCGATGTCCAGTGGCCT
GATAACTCTGTACCTCGCGAGCAACGCCTTGAAGAGGGCGTTGACCTGCTCGAT

>naRXA01794-downstream
TAAACAGAATTAACTCAAACCCC

>naRXA01796
TTTTACTGTCCGTCAGACCAAGATGCTTATGTTGACTTGACTTTGTTTCGATCAGATGCGT
CAGTTTCGGTGCAGAAAACGCCCGCTTGGCGAGATGTAEATGTTGGCGCACGAGTACGGC
CACCACGTCCAAAACCTCGAGGGCACACTCGGACTGTCCAATTACAACGATCCGGGGCGT
GATTCCAACGCCGTCAAGATCGAGTTGCAGGCCGATTGCTACGCAGGCATTGGGGCTAAT
CACTCCAGCGAAGGCCCGGATCCGCTACTCCAACCCATCACCGAATCTGAGCTAGATTCC
GCTCTCCTTGCTGCAAGCGCCGTGGGCGACGACAATATCCAGCAACGATCCGGTGGCGAT
GTCAATCCTGAAAGCTGGACTCACGGCTCATCGCAGCAGCGCAAAGACGCGTTCTCGCC
GGCTACAACACCGGCCAGATGAGCGCCTGCGACTTCCTCGGCCGGGGCGTCTACAACGAC
GCT

>naRXA01796-downstream
TAAAGCATTGCTTTTCGACGTCT

>naRXA01799-upstream
TATTTTGGGCATGCACTCGTCATATCTTCACAGACGTATGGTTTTGTAACAACCTCCCC
AAAATCCCCATAGTTTCCCCCGGTGCATATCCTTAAAGGT

>naRXA01799
ATGGAAATTCCGCTGCCACATCCCTTATCGATGTCATCACTGATGGTGCCCTCGGCCAA
ACCTGCATTGATCAGGCATTTGCTGCCCAATTGGGGCGAGTTACTGGAGTCGAATTCAAC
CTTTCTGACGATAAAAACCGCGCTGAAGTGAGGATCAATAAGGCGTCGGGGAGTCCTTTT
GATACCACCGGTGAAGTCATTGCGTGGATTAATAATCAGGAATTTGAGTGGGTCAGCACG
CGCGGTGAGGATTTGGGACTGCCTGAATTGCAGGGCATTAGCCGCTCGACGATGATCTG
ATCACCGCCGCACGCACGCTGTATAGCAATGCGCCGGCGTTTCATCGCCCCGTTGCGCGAT
GGTCGCAGGGCGTTGGTTGCGATCAATCACACGCCAAAACCTGGTTGGTATCCGTGCGACG
CTCATCGAAGGCCGTCAGGGCGCTGAAGCCTGGAACCTGACCTCAAACGGGCATTGACTTCA
TTTGCTGCATTCTGCGAACTGGGCATCCGATTGATGACAACCGCATCTCCTTCAGCGAT
GGCACCTCGCTGTTGCTTCGTGGCGGCAAAGTCATCGAAATCGCAGGCGGGCTGAGCTTG
CGCGACGTACGCGCGGATGCGGCGTTTCATGTCCGCTGAGCATCAATTGCTTTTCGACGCC
ATCTCCTCGTCTCACAACGTCACCTTTGACCCACACACCAACGTGGCGACCGTGGCAAAC
GAACACCAAGTTCACGCCATCCCCCTTGCTGTTATCGACGGCACGCGTTGGGTATGGACA
TGGTCTTTAAAGAACTCAATGGTCAAGCAACTGAAGGCCTTGCCCGCTTTGGTTTCGAT
AACGGCCTACTACTGCTCACCAATGCAGAGATCCTTGCTGAGGAAGCCACCGCATTCAAC
CTGATTGATGTGGCTAAACAGGTGCTCAACACTTGGACGCACACCATCGTGCAGCAACCT
GATGGCACCGGAATTGCTCTGCTGCTGGATCATCCTCGGCTGCAGCTTCCGCCAGCATCA
CATGCAGCTGTTGAGGCCACGCTGTATCACCAGCTACCAGGCGATATTGATGCCCGCCGC
GCGGTGGCGCTCTATGCAGCTCACCGACAGCTTCCTTTTGATGGCTACGCACTCACCGTT
GAGGGCCAACAAGTCGGCGTGACTTTTGACGGCGAGCATTTAACAAGGTGGGC

>naRXA01799-downstream
TAGTTTTCTAGCAAAACCCAACC

>naRXA01800-upstream
CCAGCGCAGTTCATAAAACCGCCAAACTTTTGATAGCGTAGCAATGGCCCTTTCGGTGGA
TGGGGCCATGTTTGCACAATGCTTGAAGAAGGGTAGGGCA

>naRXA01800
GTGAAGCCGCTGGGCAAGATCGCCGTTCTTGGACTTGGTACCTGGGAATTGTTGGGGTC
ATCATATTTGATGTGGTGGCAGCAATAACGATGCTACCCCTCGTGCCCAACAAAATGCCC
GAAAGAGTCAACAGTGGGCTTGTCGCGCTGGGTGGATCGTATGCACCCCCGATGAGCCGG
GAAACACTCATTGCCAGAGTCATTGCCGGTGCAGTGCTGGTTCTGGTGATTTCTTTAGGT
ATTTTCGCTGCTGATTTCCGCGCAGTCCAAGAACCTCGCGTCCGATCACCCGGATGCATCT
GCCATTGAGATTGCTCGGCGTTGGGCGTTTTTGAACAATATTCAAAGCTGTATCGGCTGG
TTTAGTTTCTTCTCGCAGCGATTTTGAGCATCTCATCGCTAAGACTCAACGGGCCAGGT

GCCACCACGCATCTTGAGATGGCCGTTTACATCATCGCTGTGTGCGGTGTTGGCTTGGGCG
TTGATGATTTCCCTTGCGACGCGGCCAGGTGGCGATTGATCGTGCCATTCGAATTCGGGAA
GATGATTCGAACTGAAATGGGGCATGATCTACCACGATGCTTCAGACAAAACGAGTTTTC
GTGGAACTCGATGATGGCCACACGACCGTCATCAACATGGCGCGCGGGGAGCGTGGCTG
CTCATCGCAGTGATGGTGCTGCCTGCGCTGGCCATCGTCGGTTGGGTTTGTAGAAAAC

>naRXA01800-downstream-
TAGCCACCTTTGTTAAATGCTC

>naRXA01803-upstream
CTAGCGGAAAGGCTTTAGCGACAAGGCTTTTTGCATGTTTTAATGCAGGGAATATTAAC
TTTTGTTAATCTCTGACCATTGACCTTGTACGCTTAAAAC

>naRXA01803
ATGCGAAAGAAAAAGACGGTCAAAATCTCCAGACTTCCGGAAAAATCCGCCAAAGCTG
GATAAAAGGCTTATGAAAAAGAACTAAAAAGACTTCAAGCCGAACCTCGTCGATTTGCAA
CAATGGGTTGTGGAAACCGGTGCGCGCGTGGTCATCGTCATGGAAGGCCGCGACGCCGCT
GGTAAAGGTTCTGCGATCAAGCGCATTACGCAGTACCTCAACCCCGGTCCGCAAGGATC
GAAGCGCTGCCACCCCAAACTCTCGGGAAAAAGGGCAGTGGTATTTCCAGCGCTACATC
GAAAAATTGCCGACTGCTGGTGAGATCGTTATCTTTGACCGCTCCTGGTACAACCGTGCA
GGAGTCGAGCGCGTCATGGGATTTTGCACCTCCAGGAGTACCGCCGATTCTTACCAG
GCACCAATCTTTGAACGCCTGTTGGTGGAAGATGGCATTACCTGCGTAAATACTGGTTC
TCTGTATCTGATGAAGAGCAGATTGAGCGTTTCGAAGACCGCTGAGCGATCCGCTGCGC
CGGTGGAAGTTGTGCGCAATGGATTTACAATCGATCACCCGCTGGGAAGATTACTCACGC
GCAAAAGATGAGATGTTTCATCCACACGGACATCCCGTCAGCACCGTGGTACACGGTGGA
TCTGAGGACAAGAAGCGTTCCCGCATCAACGTCATTTGCGATCTGCTCTCGACGATTCTT
TATGAGAAGATCGATCGTCCATTGCCGGAATCCCTCATCGCCAGATTCTGAATCTGAT
TATGTACGTCCCGCTCGCGATGAGTTCCGTTATGTTCCAGATGTGGCAGCACACTTGGA
GAAGAGCGCATCAAGAAAGAAGAAAAAGCCAAGAAGGCAAGAAGCCAGCTAAGGCTGCA
GGAAAGAACTCGGATAAGCAGAAGTCTTCCGGAGGAAAAGGCAAGAAGAAGTCCAAGAAA

>naRXA01803-downstream
TAGAACGCCTTTTAAGGGTTGA

>naRXA01804-upstream
AGTGGGACCGCATGGCAGAGTTTCGCAGTCAACTAAAATATGACCTTTGCTGGTTGGCTAA
TTTTGGGTCAAAGTTTGTGAAACGAAGTAAGCTTAAGTT

>naRXA01804
ATGCATATCGTCAACATTGCTTCAAGCCCAAGGCTAAGTACGTGGATACATTCCGCTAC
ACAGTCGACAAATTCAGTCAACCAGGACAGAGGAAGGCTGTCTCTACTTTGATTGG
TTCCGCAACACCGATTACCCAGGCGAGTACCTTGTAAATGGTGTGTGGACGGATGAAGGT
GCGACGGAACATAAGAAGAGCGAGCACTTCTTGCAGCTCAAGAAACACTTCCACCGTTG
CTGCAACAACTCCAATGATTATTCAGAGTGAGTTTCCAAGAAGAAGGTTGGGAACGT
TTCAGCGATTTACCGTCTAC

>naRXA01804-downstream
TAAGGAGCCCGCAAAAGCTTTGT

>naRXA01805-upstream
GGCATTGTCGAGCGAACTCATGGTTTAACTCCCTTCATGAAATGTGTGCGGGGTCAGTGG
TTCCAGCCTAGTCTGAACTGGCTAAACAAGATCGGTACA

>naRXA01805
GTGGTGGTCGTGATTTTGATTAATGTGAAATTCAAGCCATTGCCAGAATATGTAGACACC
TTCCGCGAGCAGGTAGCGGAGTTTACAGAAAAGACCCGTGCGGAAGAAGGAAACATCTTC
TTCGATTGGTCAATTAAACCCGACAACCCAAACGAGTTTCATCCTCATCGAAGCATTCAG
GACGACGCTGCCGAAGCTCACGTCAACAGCGACCACTTCAAGGCGGCTGTGAGCTGTTC

CCAACCATCTGTCTGAGACCCCAGAGATCATCAACACCCCTTATCGAGGGCAAGACTGAG
TGGGACCGCATGGCAGAGTTTCGCAGTCAAC

>naRXA01805-downstream
TAAAATATGACCTTTGCTGGTTG

>naRXA01806-upstream
AATCAAAATCACGACCACCTGTACCGATCTTGTTTAGCCAGTTCAGACTAGGCTGGGA
ACCAAGTACCCCGCACACATTTTCATGAAGGGAGTTAAACC

>naRXA01806
ATGAGTTCGCTCGACAATGCCCCGCTGCTGGAATTGGATGTTTCAGGAATGGGTAAACCAC
GAAGGCTTGAGCAATGAGGACCTGCGCGGCAAGGTTGTGGTGGTGGAGGTGTTTCAGATG
CTATGCCCTGGATGCGTGAATCACGGTGTCCCTCAGGCTCAAAAAATCCACCGCATGATT
GATGAATCCCAAGTGCAAGTCATCGGGCTGCACAGCGTGTGAGCACCATGATGTGATG
ACACCTGAGGCTTTGAAAGTGTTCATCGATGAGTTTGGGATCAAGTTCCCCGTGGCAGTG
GATATGCCGAGGGAAGGCCAGCGGATTCTTCGACGATGAAAAAGTATCGTTTGAAGGA
ACGCCCAGCATCATTTTGGCTGATCGAAAAGGACGGATTTCGTGAGGTGCAGTTCGGGCAG
GTTGATGATTTTCGTGCTGGGATTGCTGCTCGGCAGTTTGTGTCAGAGACGGACGAAACC

>naRXA01806-downstream
TAAAGCGCTTTGGTCTGCAGGCC

>naRXA01809
CACATAAGGCATGAGCAGGCTATGCGAGATGGACACCAGGATCTCAGCGTCTTTGTGGT
GCTGATGGGGCGATCATGCTGGAAGAACTTAAAAATCGTTACCAGCGCCACCGGAGAAC
GAGCCCCATGATGATGATGTCACCGAAATGATAAAGACCACCGAGGAAACAGAGAAGGAG
AACGTAGAGATGGATCAGGATATAGCTGTAGTAGACAACGTTGATGAACAGGTTGTGGTG
ACACCTGCTCATGACGCTGACAGCGTAGCGGTTGTTGCTGAACAGGTCGTTGCGTCAGAA
CCAACGCCAGAGCCGGTACCCAAGGTTGAGCAGTAGAGATGAGTGTGATCTAGCGGGT
GAGCATATTACACCGCTTGTATCAGGCAATTTCGGTCTTTATGCAGCTCAACGGTATTGAG
CACAGCGTGGTGTGCGACGCTTGGGGCTGATGACTCAGGTGGCACATAATAAGGAACTT
GATGAGGTCTACGCTAAGGCACTTGCCGAGGGTGAATCCCATGCTCAGCAGCAGCATGAA
TTAGAAGCAGAAAATGAACGGCTTAAAAAAGAAGTTGATGCGCTCGCTGCAGAGCTTAGT
GCTGCGTTGATGGGCGAGGGTGGTGGTGATCATGAC

>naRXA01809-downstream
TAAGGCCGTGACACCAATTGTGG

>naRXA01812
AGCTTCAATGACGTTGACCCAGCGGTGACCCATCCGCATCTCACAGTGATCTACCCACCG
CTCACCCCTGCATCCGAAGAGAAATTCAACAAGATCACCTCAGTCGCTGCTGTGAGCAAG
CGCCCAACCACCTGCCGTATTTCCGTGCAGATGGTTCACCTACTCGTGGCTTTGCTAAC
TTCTCCACAGGAGGTATTCACGGTGCAGGAATACAACGAAGATCGTTTTGACCATGATCAA
GATCTACACACAGTGGAACCCGTGAATCTTCGCCATTCTTGATGCGACATTAGCGGCT
CTCTACGCAGCCACCAAGCCGAACCTGAATCGGCGGACTACCAGATTGCACAAGACGCA
CTCGCCTGGGCAAGAATGTACTTAGCGATCAAAAACTCATCGCTAAGTCGCCTCAGTTA
TACAACCCCGAAACCGGGTACCTATGAGTGGGAGTTTGTGCTCAAGCAGCATGGTGG
ATTGCAACAAACCGGTTGAGGTTATTTTACCAACAGGTGAATCAATGACCGTAAAAACAC
AAATCTGTATTGGCATCTGCGTCCTACCCACTCCGAGACAACGTGGCGTACTGGCGTAGC
GAACCCAAAACACCACAGCTGTTTCCCGTAGCAAAATCTGGTGGTTCCCTCGCTTGAGAAG
AAGTACAACCTACCTCTGTGGGTACTGCTATTACAGAGGACTTTAGCAGTTACTATCCG
CTCTTGCTCACCATATGGCTGCATTTACCAATGCTGACTTAGGTATTGATGAGAAAACC
GGGCGCCCTCGTGACCGCTACCGTGAAATCTACGAACAAAAAGAGATCTATGGCGCACAG
CGCAAAGACCCCTCCATTGATGAAGAAACAAAGCAACGTCTAGGGATTTTGGCGAAGGT
ACCAAGTTGATTCTTAACCTCGGCCACCGGTGCTGCTGATGCTGGTCACGACACCCCGATC
CTCATGAACAATCGCGTTATTGCCATGAGGATTATTGGGCAGCTATTTTCTTGAGAAAT
GGGCAAGCTCAATCACTGGCTGGTGCAACGATTATTCCACTAACACTGATGGCCTGTAT

TCCGTACTCGATATGGGGACTAACCAGCGCTTCTTGATGAACACGCTACAGCCATCGGT
GTGCAAATTGAGCCTGAAGAACTGGATATTGTCTCCAAGGATTCCAACACAGTGCCGAA
TTTCTCGGCAATGGCTACATCAATGCGGCC

>naRXA01813-upstream

GCGAGAATTCAAGAAAACAAAACAGATCAAAGTAAGGEAACAAGTGAGCAACAAAGTTCA
GAATCCGAACCAAGGTGGAAGCAAGAACTTCCTCTGGGCA

>naRXA01813

ATGGTGGCGATCGTCGTCGTTGCAATCGTCGTCGTCGGCTTCATCGTCATCCAAGGCCAG
GGCTCAAAAGCAGCCAAGCTTGGTGACCGGACTACGAAGACACCTCTTTGGCAATGGAA
GTAGGCTCCGACTCCATCACGCTGACCTCCGCAAACACCTCCGCCGACGCAAAGTCCGTG
CAGCTTTTTGAAGACTTCTCCTGCTCTCACTGCTCCGAGCTCTCCCTCGCCACCGACGCT
GACATGAAGACTCAGATCGAAGACGGCAACCTGGTCGTCGAAATCAAGCCACTGAACCTC
CTTGACCGCGAAAACATCGACGGCCACTCCACCCACGCATTGGCAGCAGCCCTTGCAGTG
GCAGACTCCAACGACGCAACCCTCTACTGGAACCTCCGCGCATTCCTCATGGAAGATCAG
TCCGAGATCTACAACCAAGTGGTCCGATGATGACTTCGCAGACGGCGTTGAAGCCCTTGGC
GCAGACTCCTCCGTAGTAGACGCAATCCGAACGGCGACAACATCCAGCGCGCATACGACC
TGGCAACCGCAAACGGTGAAGAACTCACTGAAGAAACCGGCAGCCTGTTCTTACCACGCG
TTCTTCAAGACGGCAAGGATGTTGAAGGCA

>naRXA01815-upstream

GAATGAAAAGAAAGTGGTGGCCGATGCTTGGCTATCTCAGCCTGACTTTTACACTTGGATA
TTCTGCTGTTTTTCTCGGGATGCGGCTCTAGAATTGTAGA

>naRXA01815

ATGAATCGTTCAACAATTTCCCCAGTTGAAGCCCGCCAGCAATTCCGCGCAGGCCTTATC
CAACCCACCTCCGGCTGGTCCGCGGGTTTTGCCCAAGCCAACCTCATTTCCATGCCCCAG
GATCTGGCTTATGATTTCTGCTTTTTGCTCAACGCAACCCCAAGCCCTGCCCATCTTG
GAAGTATTAATGCTGGCGAAACCTTCGGCGGAATTTTCGGCTCAAACGCCACCGAAGCA
GACATCCGCACCGACGCGCCCCAATACCGCATTTACGCACACGGCGAACTTATCGATTCC
CCCGCCAGCGCCGTCGATTATTGGCGCGACGACCTCGTCAGTTTCATCATCGGCTGCTCC
TTTACTTTTGAACATCCCATGGTCCAAGCAGGCGTTCCCGTCCGCCACCTCGAGGCCGGC
CGCAACGTCCCCATGTATGAAACCTCACTTGCTGCGGACCAGCCGGTTCCTATCAGGA
AACCTCGTGGTGTACTGCGCATGATCCCCGATCCCAAGTCGCGGATGCCGTCCGCATT
ACCTCCCGCTACCCGCGGTTACGGAGCACCACTCCACATCGGCGATCCTTCACTGATC
GGAATCGATGACATCAACAACCTGATTTTCGGCGATGCCCCGCTGTCCGAACCAAGCGAC
GTCCCCGTGTTTTGGGCTGCGGAGTTACCCCTCAAGCAATGGTCATGTCTCCAAGCCA
CCGCTGGCGATCACTCACGCACCCGGACACATGCTGATCACCGACGCCCCAGATCTGGGA
TTCCAGGTTCTCT

>naRXA01815-downstream

TAAACCTGGATCCACCGATGTGA

>naRXA01816-upstream

TTGGGTGTAACGGCGTGGGAAAATAGGAAATGCCCTCCTGAACAGGAAGAATCAAGCTTA
GTTAGAGTCCTTCTTCCCTGCCAGAAAGGCACCTCACAG

>naRXA01816

GTGCAATTATTACACACCCCCGAGCCATATCCATTTCTTTCGACGACCCCAACCTCATC
TCTACCGCAGGGCTGGTCCCGACCATGGCCCTGGCCGAGGACCGGTTAACAGTACCAACC
GACAAAGGTGCTAACCCAGGTGCCAAAATCACGACCCTCATTGCGGGGATGGTCGCCGGT
GCCGACTCCATCGACGATATCGATGCACTCCGCCACGGCGGTATGCACCGACTCTTTGAC
TGGATCTACGCCCCCTCCACGTTGGGGTCGTTCTCCGGGCGCTTTACCTTCGGGCATGTC
CGCCAACTCGACGCTGTGGCCTCCCGGTTCTTGGTGGGTCTGGCAACACAGGCCCCGGCC
CTGGTCCCGGTTGATGCTTCTACCAAGTGATTACGTCTTCATCGATGTTGATGACACCATC
ATTAAGGTCCACGGACATCAGAAACAAGGCGCTGGTTTTGGTTACTCCGGTATCCGTGGA
CTCAACGCCCTGCTGGCCACAGTGACCACACCAGAGTCAGCACCAAGTGGTCGTGGCCCAA

CGATTACGGAAGGATCGTGCGGTTCCCCGCGGGGTGCAGGCCGGTTGATTGCTGATGCG
GTGGCTACCACCGGCGTTTGCCGGGGATGGAGGATGAGAAGATCCTTTTACGCGCGGAT
TCTGCCTTTTATGGCCATCCCAGTATCAGTGCTGCGATCAAGGCAGGGGCGGATGTGTCT
TCACGGTGCGGA

>naRXA01816-downstream
TGACCCCCAATGTCAAGAAAGCG

>naRXA01817-upstream
AGGATGAGAAGATCCTTTTACGCGCGGATTCTGCCTTTTATGGCCATCCCAGTATCAGTG
CTGCGATCAAGGCAGGGGCGGATGTGTCTTCACGGTGCGG

>naRXA01817
ATGACCCCCAATGTCAAGAAAGCGATCGCCCAGGTTCTTGATGATGCGTGCGCAGACAATT
AAGTACACCAACGCGATCTTCGACGAGGACACCGGGCGCTGGATCTCGGTGCGCGAGGTC
GCCGAGATACCGTTACCGCATTTACCTCCCGGAAGAAAACCGACCACATCCCCGGAAGT
CTGGTGGTACGCCGATACCGGAGCTGAATAACAAGGATGTGGATCAGCCGGGGTTGTTT
GATCTACACCGCTTCCATGCGGTGTTACACCGCGCCAGCCAGGCATCCTCGATACTGTT
GCTGCGGATAAAACCCACCGTCAACACGCAATCATCGAACAAGTCAACGCGGACGTAAAG
GCCAGTGCGTTGGCGCATATGCCATCAGGTGTATTCACCGCCAACAGCGCCTGGTTGGTG
TGTGCGGTCTGCGGTTCAACCTCACCCGCACAGCCGGTGTGATCGCTGCAGGCGCGATG
GCCAGGGCCACCACCGCAACGATCCGGCGGAACTTGTGGCCGTTCCGGCCAGGATTGCA
CGCAGCGCCCGGAGATTGATTCTTCACTTGCCACGGAAGTGGCGGTGGGAAACCCAGTGG
TCAAGATTGTGTGATCACGGCCGTTTACCACCG

>naRXA01817-downstream
TAACCGGTAGTCCCTGACTACC

>naRXA01820-upstream
AAATGCCCTCCTGAACTGGAAGAATCAAGCTTGCTTAGAGTCCTGATTCACCTGCCAGAA
AGGCACCTCACAGGTGCAATTATTACACAACCCACAGCG

>naRXA01820
ATGTCCGCATCCTTTGATGACCCCAACCTCATCTCGCTTGCTGGACTGGTTCCAACCATG
CACTTAGCCGATGCTGCCAGCCTGTCCACCTTGCCCGAGGACCGGTTGAGCATCACCGGT
GATAAAGGTGCCAATGCTGGTGCGAAGATCGCCTCCCTAGTCGCGGGCATGGTCGCCGGT
GCTGATTCCATCGATGACATGGATGTACTCCGCCACGGAGGTATGCGCCGACTTTTCGAC
CGGATCTACGCCCCATCCACATTGGGGTCTTTTCTGCGGGCCTTCACTTTCGGCCACGTA
CGCCAACTCGATGCTGTGGCCTCCCGATTCTGGTCAACCTGGCCAGGCAGGCACCACAC
CTGGTGCCACCACCGGCAGGCAGTGCGGTAACGGGTATGTGTTTCGTTGATGTTGAT
GACACCATCATTTGAAGTCCACGGCCACACCAACAAGGTGCCGGCTTTGGTTACTCCGGT
ATCCGTGGACTCAACGCCTTGCTGGCCACGGTCAACACCGCACAGTCCGCCCCCATCATT
GTGGGCCAACGATTGCGGAAAGGATCGTGTGGTTCCCCACGAGGGGGCCACCGCCTGATC
GCCGATGCGATGACCACCACCGGCGCTGCCCGGGATGGAGGATAAGAAAAATCCTCGTC
CGGGCAGATTCGGCGTATTATGGTCATCCAGTGTGAGTGTGGCCCTAAGGTCCGGTGCG
GATGTGTCCGTACGGTGCGGATGACCCCGAACGTCAAGAAAGCGATCGTCGCGATCCCG
GAAGATGCGTGGCAGACGATTAGTACACCGATGCGATCTTCGATGAGGCATCACAATCG
TGGATCTCCTTAGCCAGGTGCGCGAAGTGCCCTTTCACCGCGTTTACCTCCCGGAAGAAG
GCCGACCATGTTCCCGGACGCTTGGTGGTACGCCGGATTCTGAGCTGAATAAGAAGGAT
GTGTATCAGCCGGGCTTGTGTTGATCTTACCGCTTCCATGCGGTCTTACCAACCGCCGAC
CCAGGCGTGCTGGATACTGTTGCTGCGGATAAAACCCACCGTCAGCACGCGATCATTGAA
CAGGTCAACGCAGACTTGAAGGCAAGCGGTTGGCGCATCTGCCGTGCGGGACGTTACCC
GCCAACAGTGCCTGGCTCGTATGCGCGGTATGGCGTTTAATCTCACCCGTGCCACCGGG
GTTATCGCTGCAGGCGGATGGCCAAGGCCACCACCGCGACGATCCGGCGGACACTGATG
GCCGTTCCAGCCCGGTGCGCCGCGAGGTCCCGCCGACTGGTGCTCCACCTCCCGAGGGG
TGGACGTGGCAACCACAGTGGCAGAACTGTTTGATCACGGCCATTACACCGC

>naRXA01820-downstream
TAACCGGTAGTCCCTGACCACC

>naRXA01825-upstream
GTCAAGGTAGCTGGCCCCGCAACTGATACGTTAAGCTCAAACAAGATAAGTACCAGTTGC
TGGGGTTTTTCCAAGACAATAAATTATGAAGGTGTGAACA

>naRXA01825
ATGCCAAAGGCAAGAGTAAGTAAAAACGAGACCGCACCGGTTTCAAGCAACCCAAGCGCA
AACCGCACCCCGGTTAAGATCAATTCCGCCGGAACCCAATGTGGTACAAGGTCATCATG
TTTGCCTTCATGATCGTCGGCCTAGCCTGGTTGATCATTAACTACCTCGTGGGCCACAG
ATCCCATTCATGGCTGATCTTGGTGCATGGAACATATGGCATCGGCTTCGGTCTGATGATC
ATCGGCCTACTCATGACCATGGGTTGGCGT

>naRXA01825-downstream
TAATCCTTCAAAAAGTGACTGC

>naRXA01831-upstream
CCTGTGGATAATTGGTTGTTGGCTGATGGTGATGTCATTACGGTGGGTCAATCCAATATC
GAAGTTCGTATTGTTAGTCCCTAGAGGGAGAGGTTGATCA

>naRXA01831
ATGGATTCTCTGGTCCTTCTTGGGCTTCGCATCGCTTTGCTTGTGGTGTGTGGTTTTTC
GTCTTGATGGCGCTGCGCGCTATGAGGGCAGATTTGAAAGTGACGGGTCAAGCGTCGACA
AGCAGCTCCTCCGTGCGCGCACCGCAGGGCCTTGCCCGGGCTTTTAATCGCTCCAGCCCG
CCTCGTCTTTTGACGGTGGTTCGAGGGCCCGTTGGCGGGCTCCTCGATTGAGGTGTCGGAG
GATATGACGATGGGCCGTAGCCCTGAGTGCACGTTTGTGGTGGGCGATGATTACGCCTCC
GGCATGCATGCGCGGTGTTTAAGCGTGGTTCGGAGTGGTTTGTGGAGGATCTGGATTGCG
CGCAACGGCACTTTTGTGGTGGTACGCGCATTGATCAGCCTGAGCAGATTGCGGTGGGC
ACGGATATCCGTATTGGTCGTACAGCAGTGAGGCTTGTTCCT

>naRXA01831-downstream
TGATGTTGAACTTAAATATGCG

>naRXA01834-upstream
ACTAAGAACGTGAGCTTGGTTTCATAATACCCCCAGGGTATTGTTAGCCAGGTGATTCT
AGCCCTTCTTGGCGGCCTAATAATAGGCCTACTTCTTGGC

>naRXA01834
ATGCTCGGTGGTGGCGGTGCCATCCTTGCCATTCCGCTGCTTATTTATGGATTTTCTTTT
AGCGCCACGCAAGCTACTGCAGCTTCATTAATCATCATCGGACTTGGCGCCCTCATTGGA
CTGATCAGCCAATACGCTGCCGGGCACGTCCGCCCTTAAAGAGGGTCTAAGCTTTGGCCTT
TTAGGGTTGGTGGGCTCATTTGTGGGCAGTCACCTTGCTAGCAATATCCCCGATTCCCTA
CTCCTGAGCGGCTTTGCCATCCTCACGCTCGTGGTGGCGTTGACCATGATTTCTAAATTA
AGAAGCACCCGAGAATACATAACCAGAAGGCCAAGCATCCTTGCCATTGCTCTTAGTGCC
ACCGGCGTGGGATTTTTGACGGGATTTTTTGGTGTGGGTGGCGGTTTTGCCATTGTGCCA
GCCTTGATTTTTGCGCTCGGTTTTTCCATGCGGCAGGCTAGCGCCACTTCCCTAGTGGTG
ATCGCCGTTAACAGCGCTATTGCCATGGGATTTAGATATTCGGATTGGAAGTATTGAC
TGGTCAGTGATCTCGCCAATTATCATCACCACCGTATTGGGCGCTTTTAGTGGCGTAAAA
CTAGCCAAAAAGGTCAAAGCATCATCACTGCAACTAGGTTTTGCTGGCTTCTTGATCTTC
ATTTGATCTATATGGGATTTTCAAGATTTCCCGACCTTTTT

>naRXA01834-downstream
TAAAACTTCAAATATACCCCC

>naRXA01842-upstream
CACGTGATGGTCTCGCGGTGATCATCTTCCCTACCGTGACAGGCAAGGCCGCAAACGGCCG
TGACCACAGGAAAGAAATTCACGAGGAGAGGAAGCACACG

>naRXA01842

ATGTCGAAGGTATACGTGTCCAACGAGTACGGCGGCCCCGAAAACAGGAACTGATCACC
CGCAACACCCCCAGCCAGGCCCGGGAGAACTCGGGGTCAAGGTCCACGCGCCGGGGTC
AACCCGCTTGATTGGAAGGTCCGTTCGGGGTTGCCGGAACCCGCGAGAGCTTCCGGCA
CCCCGCGGAGGAGGCTCCGGGATCGTCACCGCCGTTGGAGACGGTGTGGAGGGCTTC
GCGGTCGGCGATCCGGTGCTCGGCTGGTGGCCCCCGCGTCGGCGGATATGCCGAGGAC
ACCCGTGCTGGTGGGAGAGAGTAEEGTGCTAAAGGEGGAGGAGATCTCGTTCACCGACGCC
GCCGCGATCCCGGTGCTGGGGCGAGCGCTACGCCGGCACTACCAGGTGAGCTTGAA
CCAGGCCAGTCGTGCTGATCAATGGGGCCGGTGGTGGGGTCGGGCTGATGGCCGCGCAG
ATCGGACGGGTCCACAAGTTCCAGGTGCTCGGCGTTGACCACGAGGACAAGCGCGAGCTC
ATCGAATCCACCGGTGCTATCTTCGTGCGCACCGGCGACGCCGTCGCGGAGCAGGTGCGT
GCGCTGCTCCCTGACGGTGTGGACGTAGTCTTCGACCTAGTCGGCGGGGAGGCGTTGCGG
GTGGTTGCTCCCTTAGCGAAGAATCCGGCGCACGTGATCTCGGCGGTGATGCTGCCACC
GTGGGAGAACTCGGTGGACAGGTGCTGCGCCGACCCCGGAAATGGTCGGACAGATCACC
GGGGTGGTCCAGTACGGGCTGGTCGACCCGAAGGTGATACGACCTACCCGCTGGAACAG
GCCGGTAAGGCCCTGGCCACGTTGAGCAGGGCCACGCCCGCGGCAAGATCGTCTCGAG
CTCATCACCTCCCAGGAC

>naRXA01842-downstream
TAACCAGACAACGCGGTGACCTC

>naRXA01844-upstream

GACCAATTGGTCTGCTGCATCCGCATGATCGCCAACGCCAGTTGCGGGTAGGCGTCCAC
GACCTCGGCCAGGGCCTCGACGGGCAGGTAGAGCGCGCAG

>naRXA01844

GTGGTCTCAATCGCCCAGGAGTTGGAGATCATTGAGGACGGCACGGGTGCGGTGCTCGTC
TCGGAGCAGGCAACACCTTCGACAACGGGTTTCATCGGCTACTCCTACTTCACCACCGGT
ACGGACGGAGCCACTGCATCACCGACCTTCGCCCTCAGGGCCTCCCCACTGCCGCAGGTT

>naRXA01844-downstream
TAACCGGTACTAGCCGGTTTTTC

>naRXA01845-upstream

GGCTCCGTCCGTACCGGTGGTGAAGTAGGAGTAGCCGATGAACCCGTTGTGCAAGGTGGT
TGCCTGCTCCGAGACGAGCACCGCACCCGTGCCGTCTCTCA

>naRXA01845

ATGATCTCCAACTCCTGGGCGATTGAGACCACCTGCGCGCTCTACCTGCCCGTCGAGGCC
CTGGCCGAGGTGCTGGACGCCTACCCGCAACTGGCGTTGGCGATCATGCGGATGCAGCAG
GACCAATTGGTCCGGTCCCGGAACGCGAGACCGCACAGACCACCTCGACTGTGCGAGCAG
CGCGTGGCCGCCGCCCTCCAACACCTGGACGCCAAGCTCGGGCAAATCCGACAAGACGGA
TCCAGCCTGCTGCAGGTCCGCCTGCGCCGCGACGACGTGGCCGGCACCCGTCGAGTCC
GCCTCCCGGGCAATGGCGCGGATGAAGAAAACCGGTGTCATCGACTCCGGCCGCAATGG
ATCGCCATTACCAACCACAGGCCCTGGCCGACCTGGTCGCCGGCCTC

>naRXA01845-downstream
TAAACGCCACATCCCTCTCTCT

>naRXA01846-upstream

GTATTTAGGAATTGAAACCCACTAAAAACAGACTAAGTTACTAGGTGATAACAAAAGTT
GTTTATTACTTATGGGAATAGTGTGAAAGTAGGGTGAAT

>naRXA01846

ATGTCAATTCTGGAAATGTTAGTTATGTTGCACAGGGTGGCACCGGTTGGGATGGTGCT
GATCAGTACACCACGGGTGAGAGTTGGGATCTACAGTCGTTTCCTTGAAACTCGACTGAC
TACCTCATGATTATGGTGGTTCGCTGCTGGCACTTGTGGTGGTGTGCTGTGATTTGG
GGCTTTGTCAACGTGATGCGCAAGCTCTTCGGTGGTCAGAGTGGTCAGCAGATTCAGTGG

TTCACCACTATTTTGCTC

>naRXA01847-upstream

GCCCTGCCCCCTCGATTTAAGAGGCAAGGCTTTTACAGTATCCTCTCATGC

>naRXA01847

ATGCTTATTGTGTGCTCCCTCAGAACTAAGACCCACGGCGGTTTCAGGAAAACCTCTG
GATTTTACCATTGAGTTTCCCGTCGCTACCAAGGCACGCCAAACAATACTCGCTGAC
CTGCAAGCTTTGGAGGTAGATGAGGCGCTGAAAGTTTGGGCATTTCTGAAAAGCTCCGC
CCTGAGGCCGAATCCAATCGCGCGCTGGAGACCAGCCCTACGATGCCTGCGATTTTTCGG
TATTCGGAGTGCTTTATGATGCGCTCGACGCTGCAACGCTGCCGGAGAAAGCACTGGAA
CGCCTCGCCATCGGCTCGGCACTTTTCGGCGTCATCCACGCCACCGATCCGATCCCGCAT
TACCGCTGTCCGGCGGCACAAACTGCCACCAAAGCGCGAGCTGCCACCATGAAG
GCGGCTTGGGGCACAAGCATCAGCGAAGCGCTTATCGACGTCAACCAGCTGGTGATTGAT
CTTCGAGCGGGACCTACCAACAGTTGGGTCCGCTAAAAGACGCCGTACGGTACGCGTG
GAATCAGTCATGGAGGATGGCTCCCGCAAAGTAGTCAGCCACTTTAACAAACACTACAAA
GGTGAACTCGCGCGCTGCTCGCGCTCTCTGAAAAAGAAGCACACCCGAGAGGACGTA
ATGAGCATTCGCGAGGCTGCGGGCCTTGTGGTGGAGGAAAACCCCAACCACAAGGAAACC
CTCACTCTGGTTGTC

>naRXA01847-downstream

TAGGCGTTAATCACCATTTTGAT

>naRXA01856-upstream

CACTCTCCAGCGTTCGCGCCAGATATGCAGCCAACTCTTGATCGTGGTGTGGAAGCGCTG
GTTGTAGCTGCTTCTGCGTGGCTAGTAAAATAATTGGCTA

>naRXA01856

ATGAATCCTTTTCTTTCGGACACGTTGATTGTCCAGCAGACCTCTTCCTTCCTGTCTAAC
AACTTTGAGATCTACAATCCAGACGGCGAAGTTGTTATCAGAATCAAACTGAAGGGTCG
TTGGGCTCTCGGCTGGTCAAGGGCGACCGCAGATTACACTGGAAGACGCCCTTCGGCACC
CCATTGATGCAGTGCGCGATCCCATGAACCTTGTTCGCGACACCTATGAAATTGATGAT
CCAAATGGCAATCCCATTGCTCATGTGCGGAAGCGTTTCACCTTCTTCAACAAGCGGATG
GACATCGAACTACCAGGTGACCGGTTATTGAAATGCACGGTAACCTTCCTTGGATTGAA
TTTGAGTTCCGCATGGGCGATCGGATTCTGCGAAAGTAACCCGAAAATGGTCCGGCGCT
GGCAACGGATACCTAGGCCGAAGCACCTACGCCCTTATTTTCGATGAAGAAGCCCCTGAT
GAAATCAGAAAAGTCATCATTGGAGGCATGGTCGCGCTAGATCTGATCCGGGAGAAGGAA
CGTAAT

>naRXA01856-downstream

TAAGCCACCCCGTTTCATGTCT

>naRXA01857-upstream

TTAAGGGACTTCGAGCCTACTTGAGAGATTTTGACAGATAACTAATAACCTCCACTTGG
TCGTACTAATCTAACTTAATCTCTCCCTAGGAGTTCTCCC

>naRXA01857

ATGGCTTCACGCCGTTTCCGTATGATGCTCACCGCAAGCATCACCGCAGCTTCCCTTGGT
TTTTCCCTCACCCAGCAATCGCCGATGAAGCTGTAACCGTTGCTACGGCACCCCTCCGTC
GGATTGATTCGGCGTCGAACGCGATGCACCATTCACCGCAGTTCCACACGACGTAGTT
CTCGGCGTTGGAGCGACCCAGTCCGAGCTCATTTTCAACTGGATCACCGCGCAGGGCCTA
ACCGGCCAGGTTGCACAGATCTCCCTGGACGATACCTTCGCATCCCCAATCACCGTTGAT
GCAGTTTCTGAAAACGTCAGCATCGTGAACACCGAAGCGGATTCCCGCGACCGAGCTGAA
GGTGAATACGTTGAATACCGCGATGGCGCAGTCAACCGCGCAACCGTAGATAGCCTCGCA
GAAAACACCACCTACTCCTACCGCGTCGGCTCCGAAGCTGACGGCTGGTCCGAAGTGCAA
ACCTTCAACACCGGCACCTACGGTGACAACTGGAACCTCCTCTTCTTCGGCGACACCCAG
CTGTACAACACCCACTCCAACCGTGCAGAAGAAGTCCAGAAGTGGGCAACAACCTGGAA
CGCGGGCCCAACATCGAAAACCCAGGAACCTCCTTCATCCTCTCCGCGGG

>naRXA01857-downstream
TGATCAGGCAAACCACTCCAGCT

>naRXA01858-upstream
CGTGTGTTTGTGTTGACTGGAACAGCGTCGGCTTTTCGGCCACGCGGCCTGCGGACAGTA
GCGGAATCACGCGGGACATTGATCCCCGGACGTAAAGCCG

>naRXA01858
ATGTTTATGACACCGCGGGCGTTGACCGAAGATAATGAGTTGACCCTGGCTTTGAAATCA
CTCGGAGGGCTTATGGTGTCAACCAATGAGTGCTCAGTAGTGACAGAAGTGATGCCGACT
TGGAGAGAAATTATGGCATCAAAGGCTTCGATGGCAACGCGGTGCGCTGGAAAACCTCGGT
GCTTATGGCATCACACCACAAACGACACGGTATTGGTTCAGCAGCTGGGAATCGGTTAC
GGCGCATTAGCCTTGGTCGCCTATTTTCGAGTCATTATCATTACGTTTTCGCCCCGCGAT
CAATGGATCTGGTATCCATTCTGGATGCTGCTGGGACTGTTGTTTCATGATTGAACGCGTG
CTAACGGTGTGGAGATCCACATGGTTTGCCAGGTTTGTGCTGCGTTATTAATCCAGAG
CTCATCTACGCCAGCTATCTCAACCTGGTATTTCTCAAAGGCGTTGTGGATATTCTATTG
GCCAAGCAAGCTCACTGGGGTGAGCATGGTGACAAGACAATGCAGGTAGCCGATGCAGCT
GCCGAAATTAACGATGAAGGGGAGGAACGCCGA

>naRXA01870-upstream
GGATCATGTCCACCCAGAAGGTAGCCTGTCAGTGTGAGCGTAATCGAGGGCAAGTACCA
GCTGAAACCTCAAGGCCGAGGTGGCCTGTGGTGGTCAATC

>naRXA01870
GTGGGTGTGGCAGTTGTTTTGTTGCTGCTTCCAACGTTGATCAACCTGGTGGTTCCGGAT
AAAGCCAATGACTACAAGCAGCTAGAAATCGATCTTCTGGGTGTGGATTGGTCAGTGCCA
ATCACCACGGAGGAATCCGCTGCGGTGCTGTGTGAGGAAACATCTGATGAAATCACACAG
AAGTATTGGGACTGCAACGGGGACACCACGGTGGTGACCATGATCGTCGAGGGCGTGAA
GATCCGTCCAATACGTTGCGTCGCATGGTGGGTCATCGCTGATAACCAGTGTGGATGAC
AGCCTAGAGGCAGTATCTAGCGAAGATGGCCGTGCGCATGCGTTGTATGTGCCAGGTGAG
CAAGAAGGATCTTTGTGGACGCTGCCTATCGTGGCACTGAGCGTGCAGGGTTCGGGTGAT
TATGAAGACCTCACAGCGATCGCAATTATCAACGGCACCTCGTTGGATTATTACAGCACC
CACATTTGGTCCAGCATGGCCGCTGACCGCGGTTGCCGTACCAGCAGGACTTCCCCCTG
ATGCTGGAAGAGGAGCCATGGCAAGACACCCCGCGGGGATCGTCCCTTCGAGCTGCCC
AATGATTTCTTTGATCAGTACCCGATCTTTTGGCCCCAGGCTCCGTCAATCCCAACCTT
GAAGGAGAATCCCTA

>naRXA01870-downstream
TGAGTCGCATGTTTAGCATCACC

>naRXA01871-upstream
GCGGGGATCGTCCCTTCGAGCTGCCAATGATTTCTTTGATCAGTACCCGATCTTTTTG
GCCAGGCTCCGTCAATCCCAACCTTGAAGGAGAATCCCT

>naRXA01871
ATGAGTCGCATGTTTAGCATCACCTTGTGGGTTGCCATCCTCCTCTCAACCCGGCGCTG
TTTTTTGAGCTTGGCCACGTTTCATCTTCGTGGATGGCATCTCTGTCCTCGTGAATATAGTG
TTCGCGGTGCTCTACTTGGTAGTCATTGTTTTCTGTAAAGTCGCACCCCGCTGTGGCCA
CGTTTTAAAGGCTCCGGCAGCAAGAAGGGAGGCGGATTCGCGTGGGCGGCGTCATCATTG
TTGTGGGGCGCGTTTCGTGGTTTCGGCATCGTCATGTTGTTTGCCGGTCCGGTCATGGAT
CTCACGGACAACTCGGCTGGGATTTTCGTTGCCATGAGTTTCACCGGAGCGTATCCAGAA
GAAATCGCCAAAGCGTTAGGCGTTGCCATCATCTGTTGAGCTTCCGCCAACTCAACCGT
CCGTGGCATGGATTTATCACCGGCGCGCTAGTGGGCTTAGGTTTTGAGGTCAACGAAAAC
CTCCTCTATGGCGCCACCGGTGCAATCATGGACCCCAACGCTGACCTCGACGGCGTCCTT
ATGATGTGGCAATACCGCACCATGTTGGGCCCCATCATCCATACGTTGCTACCGGATTC
GCAGGTTACGGCATCGCGTTGGCATTCTTCCGCGCACGAAAAACAGTCGCTTGGCGCTGG
GGCGTGGCGATCGGTTGGACTCTCATCGCCTTCGCACTGCATTTTTTCATGGAACCTGATG

TGGGAAAACGTAATCGGTTCCCTATGTCACCATCATCGTGGTCAGCGTTGTCATGTACGGT
 CTGGCTATCTACATCCTCTGGAGTAATTGGGCCGAAGCCCGCAACGACTCCAGCTACGCT
 TTCGTCCCGGGAATCATCACAACACCAAAGATTATCGCTTCTTGACGCCCCCATTCGA
 GTAGCGCTGAGGTTCCCGAGTCGCGCATTCCCCAACAGATAGAGGAACCAAGGCGGAG
 AAC

>naRXA01871-downstream
 TAGCTTTCACCTCGCTCTCCATCC

>naRXA01874-upstream
 AGTGTGCGCGCGACGATTGTGGGCGGTGCTTTGGCGTGGCAGCAGCAGTTTGGCATCAC
 AGTTCCGGAGCGCAAAACGCGGTACGCCTTTCGCGTCGCA

>naRXA01874
 GTGATCGCGTATGTTGCCAGCGGTGCTGCCTGCCGTTTGGCGCATTGCGCGAGCGTTG
 TTGTCCAAGGAGCTGTGCGGACATCTCCAGGAACGAGTCCTTCTACCCACACGGTGATT
 AATTTTCTAGGTTTCGTGGGATTTGCTGCGCTCGGTTTCGTGTGCGGTGCTGTTGCGCGCG
 ATTTGGCGCACAAAATTCGCCACAATTTACCCCGTGGTCTGTGGGGATCATGGCGGTG
 AGCCTGCCGATCATCGTCACGGGCATCCTGCTCAACAACGGCTATGTCGCCGCACAGGCC
 TGGCCGCGTACGTGGCAGCATGGTTGCTGGCCATGGTGGGGTGGGGGA

>naRXA01875-upstream
 CTWKCKTSRWTGTGTRSYWGAWMMCWYWCSCAGCATSRWGCWRGWWWYRMGKWKTSCA
 SYAAACWGGRGTCARTCSCGGATCTTTGGGTGGACATGTT

>naRXA01875
 GTGGATAGTCTTCTAAACAAGGGCGTCGCAGCATCAGACATCGTTGCCATTGTTCGAAAT
 GAAGAAAAGGCAGCAGACCTCAAAGCCCGTGGAATCGCTCTTGGTGTGGCTACTTTTGAA
 GACGAAGCGGCACTGACTGCAGCTCTTGAAGGTGTGGATCGCCTTGTGTTTATCTCTGGC
 AGCGAAGTGGGGCAGCGGTTGCGCAGCACACCAATGTCATCAATGCCGCTAAAGCAGCT
 GGCGTGACATTCAATGCATACACCAGCTTGCTCAACCTTGGTACCTCAAAGCTTGCACTT
 GCTCCAGAGCACATTGCAACGGAAGCTCCTGGCAGAAAGCGGCATTGACCACGCGCTG
 CTGCGCAATGGTTGGTACTGGGAGAACTACGAATCTTCAATTGGCGCAGCGAAGGCCACC
 GGAAGGTATTCGGCGCAGCTGAAGGCGCACGCGTTTCCGCGAGCCGCACGTAAGGACTAC
 GCAGAGGCAGCTGCTGTTGTCATCACCAGCGACAACCAGGCAGGCAAGGTCTATGAGCTC
 GCAGGCGCACCACTTTGACCTACCCAGAGATCGCAGCTGGCATTGGTGAGGTCTTGGT
 TCTGAGGCAGAATACGTCAACCTCTCCGTGGAGGAGTACCAAAATGCGCTGGAGCAGGCT
 GCGGTTCCAGCTGAATTTGCAGCACTTCTCGCAGGCATGGATCCCATCATTGCAGAGGGC
 GCGCTGTACTCCGACAGCACCGACCTACAGGATCTCATCGGACGCCCCGAGCACCTCAATC
 GTTGAGGCCCTGAGCTCA

>naRXA01875-downstream
 TAACCTGCTACTCACCTAAAATG

>naRXA01877-upstream
 GTATTGTACTAATTGTAATCCCCGGAGAGGGAAGAAGTTTACATGGCGCCCCATCAGAA
 GTCAGGGATCAACCGGATCAACAGCACCCGCTCGGTGCCG

>naRXA01877
 TTGCGTTTGGCTACCGGTGGCGTGCTCGCCACCTTGCTTATCGGCGGAGTCACCGCTGCA
 GCTACCAAAAAGGACATCATTGTTGATGTCAACGGCGAGCAGATGTCCCTAGTGACTATG
 TCCGGCACTGTTGAAGGTGTGCTGGCGCAAGCTGGTGTGGAACCTGGTGACCAGGACATT
 GTTTCCCTTCACTGGATTTCATCCATCAGTGATGAAGACACTGTGACTGTTTCGTACTGCC
 AAGCAGGTGGCGCTCGTGGTGAAGGTCAAATCCAAACGTGACCACCACTGCGGTTTCC
 GTGGAGGACCTCCTGCAGGAAGTCGGTGGCATTACCGGTGCTGATGCGGTGGACGCTGAT
 CTTTCAGAGACCATCCAGAATCTGGTTTGAAGGTGAGTGTTACCAAGCCGAAGATTATT
 TCCATCAATGATGGTGGCAAGGTCACTTACGTTTCTTTGGCAGCTCAGAACGTACAGGAA
 GCCCTAGAGCTGCGGGATATTGAGCTGGGTGCTCAGGACCGCATTAAATGTGCCTCTGGAT

CAGCAGCTGAAGAACAACGCTGCGATCCAGATCGACCGCGTTGACAACACCGAAATCACT
GAAACTGTGTCTTTTCGATGCTGAGCCAACCTACGTGGATGATCCAGAAGCTCCAGCTGGC
GATGAAACTGTGGTCAAGAAGGCGCTCCTGGAACCAAGGAAGTTACTCGCACCGTAACA
ACCGTTAATGGTCAGGAAGAATCTTCCACGGTGATCAATGAAGTTGAAATCACCGCAGCA
AAGCCAGCAACCATTAGCCGTGGCACCACCAAACTGTCGCTGCAAACTCCGTGTGGGATCAG
CTGGCACAGTGTGAATCCGGCGGAACTGGGCAATCAACACAGGTAATGGCTTCTCCGGC
GGCCTACAGTTCCACCCACAGACCTGGCTGGCATACGGTGGTGGAGETTTCTCCGGTGAC
GCTTCCGGTGCAAGCCGTGAACAGCAAATCTCCATCGCAGAAAAGGTTTCAGGCTGCACAA
GGTTGGGGAGCATGGCCTGCTTGACCCGAAGCTTGGGCATCCGA

>naRXA01877-downstream
TAGTAGAAATCTGGCATCCAATA

>naRXA01879-upstream
CTTTGCGGGCCGCTGATATTGATCCAACGCTTCGTGGCGAAAAGCTTGATGTCACTGACT
ATGTGCGCCTAGCTGGGGTGTTCAGCAAAAGGATGAGAA

>naRXA01879
GTGAAAATTACCGCTAAGGCGTGGGCGAAAACCAACCTGCATTTAGGTGTGGGACCGGCT
CACGACGATGGATTTACGAGCTCATGACGGTGTTCAAACCATTGATCTGTTGACACC
GTCACCTTAACACCCCTCGATGAGGAGTTGGTGGAGGAGGGGAGCGTCGTCAAGCAATTA
TCTGTGACCGGTGCCCGTGGCGTGCCTGAGGACGCCAGCAATCTTGCCTGGCGCGCTGTG
GATGCGTTGGTTAAGCGGCGCGCGGAAAAGACGCCGCTGTCTGCAGTTTCGCTGCATATT
TCCAAGGGGATTCCCGTGGCTGGCGCATGGCTGGCGGCTCTGCGGATGCGGCTGCGACA
CTGCGCGCAGTGGATGCCTGGATTGGGCCTTTCCGGCAGGACACATTGCTGGAGGTTGCC
GCGGAGCTCGGCTCAGATGTGCCGTTTTGCCTGCTTGGTGGCACCATGCGCGGTACCGGT
CGCGGCGAGCAGCTGGTAGATATGTTGACGCGCGCAAGCTACATTGGGTGGTGGCCGCG
ATGGCGCATGGCCTGTCCACCCTGAGGTATTCAAAAAGCATGATGAGC

>naRXA01879-downstream
TGAATCCGAATCGCATATGGAT

>naRXA01880-upstream
AGCTCGGCTCAGATGTGCCGTTTTGCCTGCTTGGTGGCACCATGCGCGGTACCGGTCGCG
GCGAGCAGCTGGTAGATATGTTGACGCGCGCAAGCTACA

>naRXA01880
TTGGGTGGTGGCCGCGATGGCGCATGGCCTGTCCACCCTGAGGTATTCAAAAAGCATGAT
GAGCTGAATCCGAATCGCATATGGATATCAGCGACCTCAGCGCCGCACTTCTCACCGGC
AACACCGCCGAGGTGGGCGAGTGGCTGCACAATGATCTGACCAGCGCCGCACTCAGTTTG
CGCCCTGAATGCGCAGCGTCCCTCCAAGAAGGCATCCGCTCCGGCGCGCATGCAGGAATT
GTCTCCGGCTCCGGCCCGACACGGTATTCTTGTGCGAATCGGAGCACAAAGCGCAAGAC
GTTAAAGAGGCGCTAATCGACGCGCGCCAGGTGTACGCTGCTTACACCGCCACCGGCCCT
GCGGCCTCAACCGCCGACCAGCGCGCGCACACATTTTGAAGTGTTC

>naRXA01880-downstream
TAATAAAGACAACTTAAGTATC

>naRXA01896
GCCCCGCGCCCTGCACGCCTGGTCGCCGACCGTGGGCGTCGACACGGATGTTGAGCGC
TGGATTGAGCTGGATAAGTGGGGTTTTGCCGTTTTGAGCGCGCGGAAACCACGCATTTA
GGTCAGCGGCGGACCGCATCAGGGCGTACCTCAACAGAGAGCTTGACGACGCCACCTGC
GATGATATTTACTCCGGTACCTTAAAGCATATGAGCAAACTGGACTGCCTACCCCGAT
GCCAAGGGCGTTCTCGATCGCGCGGTAGCCACCGGTGCCCTGTGGGAATCCTGACCAAT
GGCGCAGCCCCCATGCAGCAAGACAAGCTTGATCGCACCGGCCTTGGCCTGCCAGAACTC
GTCATGTTGGCGCGCTCCACTCTGGATTCTGCGAAGCCTCGCCCCGAAATGTATGCCCGA
GCGCTCACCCATTTGGGTGCCCGAACCGCAACAATTATCGGCGATGATTGGACCAACGAT
GTCGACGCTCCCCGCAACTTGGCTGGAATGCTCTCTATTTAGATCGTTCCGGAACCGAT

CCACGCGCCGATATCCACTCCCTGGATGAACTCTTTCAC

>naRXA01896-downstream
TAGGCTGGCCTTTATTGTTTCCG

----->naRXA01899-upstream-----
CCTCGCAGCACTTCGCGCAGGCGAATCCACAGTGGCCGCAACCTTGATCAAAGAACACAT
CGAAGGCTACTACGAAGAAACCGCTGCCGCCGAGGCCTAA

>naRXA01899
ATGTCCCGCACTCTGTGGGCGGTTTCAGATCTACACGTCACCTTCGCCCAAAACCAAAAC
ACCGTTGATGCCCTCATGCCGAGGACCCCGGCGACTGGCTGATCGTCGCTGGCGATGTA
GCAGAGAAAATCCCCGATGTGGTACGTACCTTATCCGCGCTGGTCAAACGCTTTGACACC
GTGATTTGGGTGCCGGGCAACCACGAACCTTCAACCGGAAAACAGACCGCGTCAACGGC
AAAGCCCGCTACCGAGCATTAGTCGGACAACCTCCGAGCCATCGGCGTGATCACCCCGAA
GATCCCTATCCGATCTTTGGTGGCGTCACCATCTGCCCACTTTTACACTTTACGATTAC
TCTTTCCGTCCCTCGGCCCTACCGCGAAACAAGCCCTCGCCCAAGCAAAAATAAAGCTA
GACGACGAAGTAGCCATCGCCCCCTACGTAGACATCCCCGCTGGTGCGCCGAACGAGTC
ACCTACACAGAAGACCGCCTAAAAGCCACCAAGGCCCAAAAGTCTGGTCAATCACTGG
CCGCTGGTCATTGAGCCACCCACCGGCTCTTCCAAAAGACATCGCGCTGTGGTGTGGA
ACCACCGCCACCAGGGATTGGGCCGTACGATTCAACGCTCTCATGGCCATTACGGGTAC
CTACATATTCTGCCGAAACCCGCGTTGATGGGGTAAGCCACGTGGAGGTTTCTTTGGGT
TACCCCTTTGAAAACACCCACCTCACATGAAGCGTCCGTGGCCGTTTCCGGTCATGCAG
ATTAAC

>naRXA01899-downstream
TAACTCTGTTGCTTAAATGGGGG

>naRXA01902
AACTACGACGCCACAAACGCGATGTACCCACGCCCTAACCAAGGTCGATGAGAACTACTTC
TTCGAGTACAACAATGCACTCTTCTGTCCCTGGACTCCAACGACTACTTGGACATCGAC
GACGACATCGCATTCTTCGCGACACCGTCGCAGCACACGGTGACGACAAGGACTGGATC
GTCCTGACCTACCACCATTCACCTTTCTCCCAGGCCCTACCACATGGATGACGCTCGCATT
AAGTACCAGCGCGAACGCCCTACCCAGTGATCTCTGAAGTGAACGTTGACTTGGTTCTC
GGTGGACACGACCACATCTACACCCGCTCCACCTGATGAACGGCTTACCCAGTCGAT
GCAGGCCGCGAAGCAGTTGTCCGTGAACTCTGAACCTAAGGCCGGCGAAGTTGTTTAC
CTTGCAACCAACTCTTCTCAGGCTCCAAGTTCTACGACTTCTACGACTTCCAGCTCGGC
CAGCGTTACGACACCCGACTGGATTTCCAGGAAACCGTCGATCAGAAGAAGATCCGCACC
TACACCGCAGTCTGGAACACGAGGACAGGTTACGAGTACACCAACGTTGAAGTACCCCA
GAAGGCCTGACTGTGACCACTAAGGACGCACTCTCCGGCGAGCTGGTTGACCACTTACCC
CTGAGCAAGCAGGACCGCGACGAAGAATCTGAAGTCCCAGTTGAAGATGACAAGGACGGA
GACAACGCGACCGGCTCCTCCAACCTTGGTCTAGCTGCTATCTTGGCTCCAGTTCTGGCC
ATCTTCGGTTTCGTCGGTGGACTCTTTGTTGGCGGCGGCTCCCTCGCTGAGTTCTTTGCC
AACCTCGGCGTGAAGATGCCTTTC

>naRXA01902-downstream
TAATACTGTCTGAGATTCAAGCA

>naRXA01903
GCTCACCTTGATGACCGTGGCATCTATATCATCCCAGCTCAATATCCTTGGGGATACGAG
GAAATCATTAACCTACCGGCACGCGCTACCTCTACACCTGCTGTTGCTCCTCGCACTGAG
GCTGCTCCAGCTACAGTATCTGATGCTGAGGTCCAGAGCCTGCTTGAGTACTTGCGTACT
AATGCTTTTCGTAAGTCGTACGACGGCGACACCACGAAGGCCGACATCTTCAACAAGCAC
GCGGATACTGTCAACAAGCTTGCAGCACTACGTGCACCC

>naRXA01903-downstream
TAAACCCACACCGCATAACCCCC

>naRXA01904-upstream

ATTAGTTTTTATTCGCAAGGGTGGTCTAAATTTTTTACTACTGCGTCGTGTCCACCGGAT
ACACTTGAGGTAATACAGTTACGAGGCTAAGGAGTATGTA

>naRXA01904

ATGAGCATTTTCGCCGAAGAATTCCGGTACACCAAACGAGAACGCCGCAGCAGGCGAGGTG
GCAGCAAATCTGGCTAATTTAACGTCGCGAGGCTACAGGGTCCATGGACGAAACTAATGAG
CAAGTCATTAAAAGTAACGAGCATGGCTCTGATGCTTATTTGGCGGATATTAAAGCCAGT
CGAGAGATGTGGGCAAAAATTGCGCTCGATCCGAATCAATCTGAAGAACTAGGAAAGAA
GCTCGGGAGAATATGGCGCGGATAGATGAGTACGCTCGTGAGCACGATAAAGACAACAAG
GGTTTGTTCAGAAAGTTAGCGAAAAACAAAGCAGAGCTCATCGGGACTGTTGCGGTTGCA
ACCTTAGGTGTAGTGGCAGCCATTGCTAACAATGGCAAGATACCGATGATTCAGTTGAAA
AAA

>naRXA01904-downstream

TAACCCCGCACAGGCTGGACAT

>naRXA01905-upstream

AAATGAAAGTCACAACTTTGTTGGGGTTTCTTTAAAGTAAAATACAGAAGTTTCTCTGG
CAAAAACCTCACTACTTTCTACAGAAAGGCGTCTTCCTC

>naRXA01905

ATGAAGGCTTCTCAGACCCCTACCCGCAACACTCGTGACGCAAGCTCGGCATGGGTATT
CTCGCAGCAACTATTATGGCTACCGGTGCACTTGCTGGCACTGCTCCACAGGCGACAGCA
GCAGTAGATACCACTGCGCCATACGTGTCTTATGTCGTTGACATTCCTGGCAAGGTTGGT
GAACCAATCAAGCCTCAGTACCTCACCATCTCCGATCAGTCCGCCTACACCGTGACCTTC
AAGTACATGCCATCTCGTTGAAGTACGACGCAACAAGAAGATGCTGTACGGTACCCCA
ACCGAGGTTGATGCTGGACTCCTGAGGTACATGTTGTTGATGCTCATGGCAACAAGACT
GTCCGTTACTTCACCGTTGTAGCAGTCCCAGCAAACACTGGACCAACCACCACCGCCA
TCTACTTCAAAGCCATCTACCCCGCAGGTGACCACCCCACTACTCCGAAGGCGCCTACC
TTGCCAAAGTCCACCTTCGACTGGACCTTGTTGGGGCTCCATCTTTGGTTTC

>naRXA01905-downstream

TAGTTCTCACTAGCACCTCAAAA

>naRXA01906-upstream

GCGTTCCGGTAAACCCGTGACAATCGCACGGGGCTTGTTTACCTGACACTCAAGCCCCGT
GCACCACAACAACCCACCTTAAAGAAAGGTTTTTCCACCC

>naRXA01906

ATGTCCGAATTCCCTACACCTACGACTTTTACGTCGAACAGAAACGCTTAGCTCCGCC
ACCGATCTCACTGTTGATGCACATAAAATCGCAGAACTGCTGCTCAGCACCACTGATTAC
CGTGTGTTCTACATGCCGCGTCTCGCCGGTGTGACTCCTATCGTGTCTACCTCTATGTC
TACGATGGTGAAAACCTCCTCATTGTTGGTCGCTCCACTCATGTGCCGTGGGAGTACTAC
GTTCACTACCCCATCAAGCCATCACGTGAATTTGGCTCTGCTATTGCTGTGCCTCTCGAT
GATTCTGATGACCTTATGATGCAGCAGAAGTTGTTGCTCTAGTAAAGCAGTACATGACG
CCCACGCTCACTCCTGGTGAGGGTTATATGCAGGGCTTTTACAAGGGTCTCACCTTACC
AACCACCTCGATATACATCGACCACTGACCAGATTATCTCAGAC

>naRXA01906-downstream

TAACAGCTATATTCACCCACCTA

>naRXA01907-upstream

TTCTGTTTTACCCACACCAGCACGTCACCCTCTTGTCATCACGCCGAGAGGGTGACGTGCTT
TTTTCTACTTTTCTCATAACTACAGAAGGGACGCCCTC

>naRXA01907

ATGTCTGCTTTTGATGAACTCCGCAAGAACTACCGCTACAAGTTCACTGACACCTGGCCG
GCCAACGCTGTTACCGGCACCGGCTACTACGCCAACCCAGCTTTTATCATCATCTCCGCT
GATGCCATGACGCAGAACCCCATGCCGATTCCAATCTCATCACGGTTAAAGAGCACCTT
AACACCCGTGTTCCGTACAGCGTACAACGCAAGGATCGTGCCTTTGTCTCTGAGATCTAC
ACCCCTATTAACTGCTCGAAGATAATCCGAACTAGCTCAAGAAATACTCGATGTGCTC
GACACCTGAGCAACAACGCTGTTTTTAACGATGCGCACTACAGCGAGCTTGAAGTAGAG
CGCCTCAATGAATATGTCTATCGACACCTTGGCCTATGACATGAAGTCCGACATGATGCGC
GCCCTCGTTAAGGCCCGACAGAGGCCGATCTTGAGGCGATGGAAGAACTCGACATTGCC
AATATCCAGAGCTGGATTAATCTCCACTCCTCCACTGTGAGCGAACACAACGATGGCAGC
GTTGATGATGCACCGTTTAATTCTCTCGCATTAGCTGAGATTTATTTGCAACAGCTTGCA
GACCACACTGTC

>naRXA01907-downstream
TAAGCACGCTGTGTAACCTACCAC

>naRXA01908-upstream
TCCACGACATCTGACACAGAAAGAAGATTACCATGTCTAAGAACAACGCAGCTCACCCG
CAGTCTGTCTCCATATTTTCATATCCAGCACATAACCACT

>naRXA01908
ATGCACTCTGACCGCTTTGAGCACCCAGACAACGGCTATGGCTACACCATTCTGTCAGGAC
ACTGATGCAGAGAACCCGATGACCCATCAGGATACGAAAGATGCAGCTCTCTGGGTTTAC
AACCGACCACGACGCGGAGATACCGTCGCCGATAAGCCAGAAGGCAATGAGATTCTCGAC
ATCTTTGCCAAGTTTCATCTGCGGCCAGCACGATAATGATGACAACCCGTTTGAAGTCTGG
TCCGACGGTGACTCGGATGCATCACTCATCCGCACCAAGGCGTATGTTGCCGAGCACAC
CCCGAATTATATTCGACATCTCTGCGAAAACCATCACGGGTTATTTCCCAAGGCGATTGG
CTCGATGTGGTCTGTGTTACTACTGCGGCCACTTGCAGCAACTTATCCCTGCTGACAGT
CTTATTGACATCTACCGCCAGTGGGCTTTTGGTGATGTGTGGACAGTGATTCCTGATTCT
CAG

>naRXA01909-upstream
TTGTTCTGGGAAGTAATATAAAAAGTCCCGAACAAATTAGTGTGAAAGGGTTTGTATC

>naRXA01909
ATGGCTAATTTTCGAAGCAAGGATAAAGATGGCAATGTCTATCAATCCGAACGCGTCTACT
AAAGGTGTAGATCTTGTGTCAACGTCTACGACAGCGCCAAGCATGTGACCGAAAAGGGT
AACACTGTCCACTTTGTGGATGTTTCAAGGTAGCGCAAATTCGATTGACGCTGACGGCACT
CGTGCGAATGCGAATCTTGACACACAGACTATGCCTCATCTGCATCTTGACACTAAGGAC
GGTCAGCGCAACACAGGTGTTGCGTATTCTGATGCGCAGATTCAAGCGATGCAGACGGTG
GCAGCACAGGGGCGCAACCATATGACCCCGCTCTTGAGCAAAGACGGTGAGACAGTTGGT
TACTCCATGTTGGTCAAGGCTGATGTCTGTTCCCGAAGACCAAGGACGGCAAGTCTCTC
CCTGCGGTCTATGAACACTAAGTCTCTGCAGCCATCTGGGGTTCTATTTCCGACGCGATG
AATATTCAGCAGCAGCAGTTTATGGCTGTGGCAATGAATCGCCAAGCAGCAGAAGCGCAG
AAGGCTGCACAAGCCCAAGCGACCCAGGCTCAAGCACCACAGGTGGCACCGCAGCCAGTT
ATGCAGAATCAGCAATTCCAGGCACCAAGTGCACAGGGCCAGCAGCCAGCATATGCAGGA
GCCCCTGTCTATGCAGACGCGGTAGCTCATGCAACCGCGCAGCAGCAGGACGACGAGCT
CAGGCACCGCAGGCACCTGCTGGGAATCCGTTTAAACAGCCGCCAGCAGTAGCAGCAGCT
CTGGCACCGCAGACGACGCCAGCAGTAGCAGCAGCTCTGGCACCGCAGACGACGACGAG
CCGGCAGCACAACTCAGATGGATAACGAGCCACCGTTT

>naRXA01909-downstream
TAAAGGCGCAATACACCACACC

>naRXA01910-upstream
CACCGTTTTAAAGGCGCAATACACCACACCCCAACAACTTTTTGATTGTTGGGGTGTTT
GTCTCAGATCATGAACAGCACAATGTAGGAGAAGATTGAT

>naRXA01910

ATGGCATTTCGCTTCTAGCGGTTGCTGGCACAGTTGCCCCGTTGCAGCAGGATGGGCA
AAAGATAAGTTTCTCAGCAACTCTCAGAATAATCAGCAGGCCAGAAATCAGCAGATGAGT
TTTGGACAGGTCAACAACAGCGCACAGAATTCTGGATCAGAAAACAGCGGTTTCATGGGT
CAATACGGCAATCTGGGTGCAGGTTTGGCAGGTGCTGCTACAGGCGCAGGGCTTGCCTAT
AGCGATTTTGAAGATGGTCAAAGTTTGTCTCGAAGGCCCGCAACATGGTCGGCAAAGGG
CTCGCTGGTGCCGAGCTGGTGTGTTACCAAGCTTGCCAATGATGCAATTCAGGCCGAG
GGTGGCTCGATGAAGGCTAGTGCTTATTCGCCATTGCAAGEGGGETTGGGATCGTATCTC
AAAAACGGCGGTCCGGGTGTGATTAAATCCGCGATGGCCAGCGGTGCAGCCGGTTTTGGT
GCGGATAAAGTGCACGATAAATTAGCTGAGTCTGGTCATGAGGGGTGGCTGATTCCTTG
TCGGGCGCTATTCAAGGAGGTGGTCTTGGTTACTCCACGCTTGGCGGTGTCACTGGTGCT
GGTATTGGCGGTGCGACGGGCGGTCTCGCAGGACTAGCACAAAACACTTTTGGTGGTGGC
GATGACTACAGCAACGCTGGGGCATCTGCATCGGGGTTTAGTGCCAACCAAGGTTAATAGT
GAGATCAGCACCGAGATTCCGCAGTTTGCGAATCTTGGTCAACCACAGCGATCCGAGCTT
GAACAATTAGCGCTACCTCAAGAATCACGGTCTGTAGATAAGAGCTACGACCAAGGCTAC
GAAGCG

>naRXA01910-downstream
TAAGCGCTTTATAACAACCCCGT

>naRXA01911-upstream
AGATGCCGAGATCACCGAGTGAGCGTTACTGAGATCACTGAGTCTCGATGGGTAATCCA
TATAATTGTGAGCGGGATTCTTAGTGCGCTCGCGGTTCTG

>naRXA01911
GTGTTTATTATTGGCGCCGGCTTGCCACTGTTGTACGTGCCGATTTTTGTGACTGTCATC
GTCATGGTGGTGATGCGCTATTGCGCTATGAGCAGCGCATGTGAGGCACAGTCTACGAG
GAAGCAGATCCTGTGAAATGGATTCACTGATCTGGGAGGGCATCAAGTGCATATTGCC
TCGGATATTGCAGCCGAGCAGAAGCGAAAAAGCGAAAAAGCCAGTTGCGTCAGATGCT
GTTGCTGTTGGTAACTATATCGCGTCTTTGCGTCAGCATATGTTGGTAGAAACCCAGCGA
CGTTATCACCAAGCTTGGTCGTGAGCTGCATAATGATCCAGCGCAACTAGAGGATTAT
GGCTCTGGTCTGCGTGACTGTGAGTGTGCGGCATGTGTGGTGGCTCAGAAATTGGGTGTC
ACGGTGACGCTCATGGTGTGGTGAGGCGAGCGCACGTAAAAAAGATCGCGTCATTATT
GGCGAGCCGATGGTATTGATGTGGCCGGCTGGTGGAAACACCGCCAAGAAGCTCGACGT
AAAACGAGCGCGGCTAAGCAGTTGGAGCGCATGCACAACGCAAGCGAACCCAAGCTGAG
CGCGATAAAGAGATTGAGCGTAAGCGTAAGGCTCAAGAATTTGTAGCGGAGCAGTCAGGG
AAAGCTGCTGCAGCACACGGCGGGCCGAGAAAAAGGCTGCGAAGCAAGCGCTGTAGAT
GAACTGGTGGCGCAGAAACAGGCTGCTCAGGAGCAGAAAACTCACTGTAAGCGGGACAAG
CAGCGTGCGAAGAAAGCACAAGGGCGCAAAGTTGGTGCCGTTGATAATTCCGCTGTGGAC
GATGTG

>naRXA01921
CACATTGATATTCAACGCCTCAATGAAAAACAGCTCTTTGTTGGACTCAAGCGCCTGCTT
GGTCTCCTCGGTACCAGATTCTCGAATCTGATCGTCTCTCTGGTGATGATGCCATGTT
GATACTAACGAGGATGTACTTGATCTCATTGCCCTACACGTCTCAGACGTGGTGGGCACC
AGACTGCTCGCTGAGGACCCGGTGTACTCCGGCTCTTTCGATCTGCGGGCAGGTCTACTG
AGCACCTACCCAGAGACTGTTTTTGATCATGATGGTACTTTCCGTGAGCCATCCACGCAG
ATGCGTAAAGATCGCCTAACGATTAATACCTCATCAGCTCAGTTCGCAGCGGTATTTTG
GCGCCATATCGCCCACTCCGCGATGTCCCTGATGCGATTGGCGACATGCCGTTGGTGCT
TACTTGTACCCGGATGCAGCAGTCGCCGAAGCAACAGGTCAAAAAACAAGTCAACGTGCTT
GATGAGTCAAAGAAGTTCTTCTATGACAACATCACCGACCCGGAAGCACGTGCTGCCTTT
GATGAGGTCTTTGCTTTTACGCTGATATTGAGGGTCGCACTTCAACAGTCACAATGAG
GCTATTGATACCCAGATTAACCAATTACGTGCTTATCTCAACCAGGTTGTGCGATTGAT
GCAGCTGGGTATGCGTCTATGATGTACGTACACGTTTGAGCAGATCTTCCCCAAGGAT
CGCAGCTACATCAACGATGCTACGGATATGACCCCTCGCGCAGTATCGAGCTTTGACGAT
CTGGTTGCACTCTGTGATGATATTGCGGGTGTACTTGATCGAGGTTTAGAGATCTCATCT
CCGAATCATGATGATGGTGGATGCTATGCGCAAGCAGCTGCACTATATTAGGCATTT
ACCGTGCTGGGACCCATCAACGCCGCTTCAATGACGCT

>naRXA01923-upstream

CCAAAGTGAATACCCCGACTGCAGCAGCGCAAAAGTTCAAGTACTTTGGGATGCAAATCT
AGTAGCACGTCCCATGTTTCTCACACTCTCAGGAGCTGAC

>naRXA01923

ATGTCTGCACTTATTAAAGGTTTCAGGACCTCATCATGTGGTTGTCTTAAATGGTTGGTTT
GGTCATGCTGCGGGCTGGGGAGCTTTCGCTGACTATCTTGACCTCGGCAACTACACCTGG
CACTTTTGGGATTACCGAGGTTACGGCAACAGAAAAGACGACGCAGGAGAATTTACTCTG
GAGGAAATTTACGCGGATATCGTTGCATACATCGACTCGATTGAGGCAGAAAAGGTTTCC
ATCCTGGGCCATTCCATGGGTGGAGTGTTCATGCAGAAAGTCCTTGCAGACAGCGCCACC
CCCATCGCTTCACTGGTTGGAATTTCTGCCGTTGCTGCAGCTGGAACACCATTTCGATGAG
GATTCTCGGAAGCTTTTCACCTCAGCAGGGCACAACCCGACTCGAGGCGAGCCATCATC
GATTTACAC

>naRXA01930-upstream

CGAAAGAAGCCATAATTTAGAGAGGACAATTCTCTACTATTGGTCAAGGCTCCACCCGG
TGTCATTGCACATTATTACCGCTCACTCACAATCGATGAA

>naRXA01930

GTGATTTCAACAAATGAGATTGAAAATATTCACTCAACTCGTCGGGATATTGAAATAGCG
CTTGATGAATCTTCCACTAGTGAGCCAAAGAGATTTTCGGAAATTTACACCTTTACCTC
GCACTTGCCGAAGGTAAAATATCCTTTCGGGAAAGCCCAAGTGAAGTTCGAGAACTCTAT
GACCATTTAATGCACGGCGAGCTAGGTAAAGAAAATGAATTAGATGGTGAGATTTTCGGC
CAAGGACCCGTGGAAATCCGCGATAGTCGGCAAAAAGTGATTCATTCAGGTTTTTCTCCA
GAATCACAGATCATCGAAGGAATCAACGCAATTATTAAGCTGGCGCACTCAGAAGAGGAA
TCCAACCTTGTTGGCATCATGATGTACACTTCATGTTTGAATCAATTCACCCGTTTTAT
GATGGAAACGGAAGAACTGGGCGCTACCTTCTCGGGATACAATTAAGCAAAATCTCTCC
CCTGCTACAGCACTGACAATGTCTTCGGCAATTAATCAATTTCGAAACAAGTACTACAAA
GCGTTTTCATGCCGTAGAACACCGATTAAATCGCGGAGACGGAACACCGTTTGTTATTTCC
ATGCTTGAGCTGTTAATTGCAGCGCAAGAAGGTCTCATTGAGAATATAAAACAAAGAATC
GACTTTTTGGCAAGCCTTGAGGACGCCATTAACCGCTTCGGGGTACCAATTCCTTTAAG
AACCATCAGATCAATCTGTTGTACATTCTCGGCCAGATTTCAGCTTTTCGGTAAGGACGAA
ACACTTTCACTTGAATCGGCAGCAAAGTTTCTTAAAGTTTCTAAGGCAACTGCAACGAGG
TATTTTAGAATCTCCGAGAAATGGAATTAGTTCACGAGGTACGAAACGCCCTTTGCGG
TTTGGCGCTCACGGATAAAGGTCGTGAGATAGTAGGTCTTGAGGTAAAAATT

>naRXA01930-downstream

TGACTCCATAACGAGAACTTAAT

>naRXA01931-upstream

TCGATAGGCATGGCGCCGATTCTAGGTGCAACTGATCTAAAGTCCCACCACGCAAAAGTA
ACCAAGGCGTACATCTACCCGGCACTTTAAGATCAGTGGC

>naRXA01931

ATGAGCACTTCTTTTGAGTCCATTCCCGGAGTTACTATCTCCGCTCGAAAAGCCTTGAGC
ACTGCGGGGTTTAAAGATCTGGAATCGCTTGCAAGTACCAATTACGAAGAAGTGGCTGGT
CTGTCTAGGAATTGGCGCACGTACTTTGGAGCGATTGCAAGCAGCGCTGGTGAGAAGAGA
ATGAGCTTTGGCGGTAAAGTGCCAGAGGCAGAACAGCGCACCGCGACGTGGACAACGCTA
GATTCTGCAGCACCAGAGGCAACAGAAACCTCAGAATCCCCAGAGTACTTCATTCAAAAC
CTAGACATTCCTCGCAGAAATTACCCACGGCCGGTTGTTGTTGGAAATTTTCAACAGAGCG
ACAGGCCAGAAACCTTATGTAGCAGGGTCTTCGATTGTTGGTTATGGGCGAGTTCATTAT
CGCTATGCCACGGGTAGGGAAGGGATCACTATTCGTGTGGGTTTCAGTCCGCGAAAGGCA
AAGATTTCACTTTATGACTAACCAGTGCCTGCGTCTCGAGAACTTCTGAAGAAATTG
GGTAAGCATTCTGTTGGTGTGTCTGCCTATATATCAACAAACCAGAGGATGTTGATCTT
GAGGTGCTTGAGGAAATGATCCGTATTTCTTGGGAAGCGGAACCTGGCGAATGT

>naRXA01931-downstream

TAAATCTCAACCTTTAACAAAGT

>naRXA01941-upstream

CCGGACTTGCCGCTGGTTTAGTCACTTTTTGCTCACGACGGTATTTATTGGTCGATTTCA
CCAGCGCAGCGTTGAAAAACGTTGGGCGCCAGTCACCCAC

>naRXA01941

ATGGCCTTGACTTCACTTTTGCACCAGCTTGCGAGATAAAAAACACAGTGAGGTCAGGCGG
GAAGACATCGTACCGCGGGCCTTTACTGTCCCGACCTCTACTGACGCCCACGCTATTCAT
CAAGACTTGGAACAACTCCGAACTCCGTACTCAAAGAGCAAAATCACCTAACCACTGTG
TTGGGAACCTTGGTCAGAATTCTTCACCTCCAACAGCGATAACTCCGACATTTTGCGTTCC
TCCGCTGAACCTTGGGCTCCAATTGGAGCAGGTCCGCGATAAAGCACTCGAAGTGAACAG
CGTATCAAAGCCTTGTCTCAGGTGGATCTTACGGACCTGGCTCATGAGATTGAGATCTGC
AATCAACACCACGCAACCTTCATCAGTGCGATTCAAGTAAGACTGCAATCGCATACTGCT
GAGCTTCGGGCTGGG

>naRXA01941-downstream

TGATTTCTTAAGACTGACCTAGT

>naRXA01942-upstream

GCCGCGAAATTTCGGTGAAATTGAAGGTATTCCTGCAGATCAGGCAAATTCTTCCACGACT
GTGATCAAGGTCAACGCGCAAGAACGAGTAACCTGGGATCC

>naRXA01942

ATGTTGCGCATTTGGACTAACAGGAGGGATCGGCAGCGGTAAATCTACCGTTGCCGATCTT
TTGTCTATCTGAAGGATTTCTCATCGTCGACGCGGACCAAGTTGCCGCGATATCGTCGAA
CCCGGACAACCGGCATTAGCAGAGCTAGCTGAAGCTTTTGGCCAAGACATCTTAAACCC
GACGGCACTCTAGACCGCGCGGGATTAGCAGCCAAAGCATTGTGTCAGCGAAGAACAAACA
GCGCTGCTCAATGCCATTACCCACCCTCGTATCGCCGAAGAGTCAGCTCGTCGATTCAAC
GAAGCCGAAGATCAAGCGCCAAAGTTGCGGTTTATGACATGCCTTTGCTTGTAGAAAAA
GGCCTTGACCGCAAGATGGACCTTGTCTGCTAGTTGATGTTGACGTAGAGGAACGCGTC
CGCAGACTTGTGGAAAAACGTGGCCTCACAGAGGACGACGTGCGGCGTCGAATCGCTTCT
CAAGTGCCCGACGACGTGACACTTAAAGCCGCTGACATCGTTGTGGACAATAACGGCAGC
CTAGAGGACCTTCATGCTGAAGCAAGCAAGCTGATTGCTGAGATTCTTAGTCGCGTGAAT

>naRXA01942-downstream

TAGCACTAAAACATCGTCAAAGT

>naRXA01944

ATCAGAAACCTTCGACTAATTCTGCCTGATGGCCGGACCCCTACCCCTGCCGGAATTTCC
GATTCTAATGCGTGGCTCAACATGGGAGACAGCGCTGAAAACTCGATTCTTCGATGCC
ACCTTCGCCCTCCCTGAGGATGCTTTCACCGGTGTGGCACACGCATGGGATACCAACCAA
AGCACAGATGGAGAACACCACATCACCATTTCGCCGGAAGACGGCGGGGAAATCAGCCGC
ACCATCCGGGTTGATAATACTGCCCCAGAACTCACCCTTCTGGAGTTGAAGAAGGACAA
GAACTGCGCGGCACCGTAGAAATTGATGCCCAGGCAACCGATGCGGGTGCGGGCGTGAAG
AGCGTCGAGACGCTTCTCGACGGC

>naRXA01944-downstream

TAACGCGTGCAACTTCCACTAAC

>naRXA01945-upstream

AGAAGGACAAGAACTGCGCGGCACCGTAGAAATTGATGCCAGGCAACCGATGCGGGTGC
GGGCGTGAAGAGCGTCGAGACGCTTCTCGACGGCTAACGC

>naRXA01945

GTGCAACTTCCACTAACCCCGGTTCCATCGCTTTGGATAAAGGTGAACACACCTTGCTT
ATCCGTGCAGAAGATGAAGTAGGAAACCGCACCGAGAAAACCATCACGTTTAGCACTCCG
GATGAAAACCCCATCAGTGGTGACTACGCTCCAAGCAATGGGGCCACCGTGGGCGTCGGT
GACGTTAAGTTATCTGCACGAGCAAGTGATCCAAGTGCGGATACTGTCAAGATGACGTTT

CTGGAAGCCGATTACCAAAAATTAGATAGTGGTCGCGTCCGAATGTCATCAGGAACGGTA
GAAGATGCCGGAAGTGTCTCGCGCGCCGAGGCGAAAAATGTTGGAGAGGGGAGACGTGAG
AAGCTATCCAGCCTGGATGGGCTGGGCATGGAAGTTACCTCCGACGCCGCACTGCCGTAC
CAGCTTTTTGAAGTCGATGCGGCGGATGCACTCGCGGCCGACACTGAAGTGCGCCTGAAT
TGGGCGGGATCCGCCGATGGTCGCGCGCAGGTGATCATGTATGTTTTCGATGGCGAGGCG
TGGGTTGAGGTGGATCGTCACCTTGACCGGCGATGAGCTGGAAGAGTTTACGCTGCAGGGC
GTCGTCAATGCGGAAAAATTTGCAATCGGCGGCACTGTCACEGTATTGATTCAGCACTCC
GAAGGCTTCGCCGGTGCGGATCATTCAACTAGAAAATTCGACGTGACCGCAGCGCACCCG
GATGATGTGGCTCGCTCTGAGTACGATTTTACCCTCGCGTGGGAATCTGACACCCAGTAC
TACAACGAGGAATTCACGAGCACCAAAACCAACATCCATGACTACGTGCTCGCGAACGG
GAGAACAAGAATATTCAGTTCATGTTCCACACTGGCGATGTTGTGACGACTGGGATCAG
CCCGCGCAGTGGGCCACAGCCAACCCCGAATACCAGCGCCTCGACGACGCCGGCTGCCA
TATTCTGTCTTGGCGGAAACACGATGTTGGCCACACCAGCAATGACTACACCGAATTC
AGCCGACACTTCGGCGAACAGCGCTACGTAGACAACCCGTGGTACGGCGAATCCTACCAA
GACAACCGAGGGCACTACGATCTATTTTCTGCCGCGGAATTGACTTCATTAACGTAGCG
ATGGGCTGGGGTCCAGACGACGAAGAAATCGCGTGGATGAACGAGGTCCTGGCCAAGCAT
CCCGAGCGTGTGGCGATCCTCAACCTCCACGAATTCATGCTC

>naRXA01957-upstream

ACCTCAACTCCACAGAGCGTTGTTATCAGATGCTGATATGGCTCGCCTTGACGACAACT
GACCGACAAACACTAAAACCTCCACAACAAGGACATCATC

>naRXA01957

ATGACTACTCGACCGTATCTACTTCTGCACCCCATGTCACTGTCAACATCAATACCGCG
CACAACAAAACACGCACTGTTACCAATGGCGCCAGAAAACTAATGCAGAGCGTGGAAG
AGCTGCATCTCATTTCTGTAGGGCCAGAATTGTTTGATGAATTCAAAGCGACCTGCATC
GACAACGATATTTCCATGACCAAGGCGTTTGAGAAAGAGCTTCGCACCTGGGTTGATGAG
CACAACGCTGGTGCAACAAAGAAAAGAAACACCCATCGCACCTACGTACAAGACCCGTT
GGTACTGTGCGCCACAGCTCTATTCCAGGTCTTGGGTTATTTACTGTGTTCAAGAAGAGC
TCTGATCAGATGTGGTACGACCTGGAAAGCAGCCCGCTGATCGCACAAGAGCCCATGTGCG
AATATGGACATGCATCGTAACGGCTCTTTTGAGCTGCACCTG

>naRXA01957-downstream

TAGATCTCTCTCTCGACCACACA

>naRXA01958-upstream

ATATGGACATGCATCGTAACGGCTCTTTTGAGCTGCACCTGTAGATCTCTCTCTCGACCA
CACACAGCTCTCACCACTCCTAGAAAGGACGGTTTCACC

>naRXA01958

ATGTCTAAAAAACGCGACCACTCACCGTCATTCCCTGACCTTGAGTCACGCACCCATCAC
AGCCGCACTACACAACCGCAACTACGCTGCCGCGACCAAGCTGACTATTATCACCGCA
CCAGACAAGCATCAACCACAGCTTCGGGTTGTTAAAAACACCACCACCCCATCTTCTGTG
CAGCCCTCGCGGATCAACTACAGCTTTACTGATCCTGTACTTCGCGAGGCTCACTATGCA
TTCCAGCACAGCGAACTTGCCAGGCCAACAGTCTGGACTCACACTGGGTTTCGTCGCGCA
CAAGAAGAATTCGACACTGAGCATAATGCTGCCTATGTCCGTGCCGCTGACCAGCTCTTA
TCCCCTTTTGATGCCTACATCCTCGACAACGGCGATGTTTACACCAAGACCCACGTGCC
ATCAGTGCTGCTGAACAAGAAGAAATACTTGAGCACTTGACGAACACCATATCTGCTGG
GACGAAGAAGCTGAATTCCTGCTGCGC

>naRXA01958-downstream

TAAAGGTTGCCACTGGTTTCAGG

>naRXA01959-upstream

CCCAACTACTATGCACAGCCCGTAACCATCGAGCCGGCTAAAAATCTATCAACAGAAAAAC
CACTGCCTATTTGACCATCTTGTGCAAGAAAGTACACCT

>naRXA01959

ATGCCCCACGACGTTTACGATGTGCAACACATCATTTCCAAGCAACCTTTCTGCTCCATC

TTTTTCCAGCTCCCCGCTGCAGCGCTGAAACCTACTATTCAAAAAGCTGCCACCAACCGC
GACCTTACTAAGCTCAACACCGAACAGATCGCTGAGAACCTACAGCGCTACCTCGACACC
TACAGTGTCATGTCTCACCAGCGTGTCAACATTGAAGAGGTCACTCATGTGCGCAACCCCT
CATGAGCCTGATTATGAGTTTTACCACAGTACGGTGACATATCTCGCTCATCGGTGAG
TCTTATGCTGTGAACACGGCCACCAACGAGCCTTATGCCACCGACTCCGAGGGCCATCCT
CTCGCACTGTATTTTGAAATG

>naRXA01960-upstream

TCCAGATTGATCGTGCCAACAAAGACTAAGCCACTCTAGCTAAACCAACTTACCCACCC
CAACACCCCATGAGGCATCTGCTTCATGGGGTGTGTTTGCT

>naRXA01960

ATGCCGCAACTTTTCTCAAGAAAACCTACAGAAAGGCCCCCGTCATTATGTCTGCACCG
CTCACCATTGATGATCTGCTGTCCACCAATTGGAAGCTTAACCTCAAGTGGCTGACCTGC
ACTGTCTTGAACAGCCCAAATCTCCCCGAACCCCTGCATCACGGTTTCTGTGAACCACACC
GAAGGCATGTCCTTGGTCTCTTTGGAAGGTGGTCACGGGCTCACCGAGATTGCCAACACC
CAGCTAGTGCTGTGCTTGAGCTACCAAGTTCAATCCTTTTGAGGCACTTGCTATCCAC
CTTGAAGCCGCCAACAAAC

>naRXA01960-downstream

TAAGAAAGCATCCTTCATGACTG

>naRXA01961-upstream

AACACCCAGCTAGTGCTGTGCTTGAGCTACCAAAGTTCAATCCTTTTGAGGCACTTGCT
ATCCACCTTGAAGCCGCCAACAACTAAGAAAGCATCCTTC

>naRXA01961

ATGACTGACAACGCTGACAACACCACAGATAACGTAACCAATAACTCAGACACCAATCTC
GATTACAGCTTCGACCCGCTCCCTGACGAGCCCTATGCCTACGGCTTTGAACTGGTCGCT
GCTGATGCACACTCTGACTCAACAACAACCAGCACCAGATACCCAGAGACTGTGCTGTG
GCACCTTAAACCCGCGAGGACACTATCAACTGGGTCAACACCCAGCGTGCCGAAGGTAAA
CCCGATGAAATTGCTATCAATAACCCAATTTCGATCAGAGCGTATTGCTGAGTTTGTCCAC
GAAATGATCATGCATCACGGCCTCGTAGCCTGCATGGAAGATCTCGCAATACTTATCAAG
CGCGACAAGCTCACCCAGCTGGAAGCCGAAACGCTATCACAGCCTGGCACAACCTCACC
AAAGAATCCCTTGCTCAGATCATGGGGCTCTTCTATCAGTACGTGAAAACACACAAAA

>naRXA01961-downstream

TAGGAAAGAAGAAACACCATCAT

>naRXA01962-upstream

AGCCTGGCACAACTCACCAAAGAATCCCTTGGTCAGATCATGGGGCTCTTCTATCAGTA
CGTCGAAAACAACACAAAATAGGAAAGAAGAAACACCATC

>naRXA01962

ATGTCTGACAACACTCAGGACAACCCTTTCTCCATCCGCTACGCACACCCTGACCACCAG
CTCGCTCTTAATGAGCTTGTTGATACTGCCGATCTACCTGCACCAACAAGCTATATGAAA
AATCCCTGGTCCGGGGACAACACGCCTATCGCGAGTGGCGACGCGAGCGCATCACCCAG
TGGCAGCGCACCGAGATCATTGTCAATCAACGCGATGATGACGATCTCATTCAAGTCAGC
TTCCCGAAGCTCGGCCAGCACATTGAGCTCAACACCGACGATATTCTCGCATTGGTCGCA
GCCTGCGTCACACCCACTGCTAACGACATTGAGGCAACTATCGAAGAAAATCTCCACTCA
TATCCGCACGATACGGTCATCATGTTTAAACGAGATGATCTAGATGATGCCCTTGGTCTC
GTTGTTGCCGTCAAAGACGCGAGCGGGGAACACTCACCGCGCGCTGTCTGGCGACCAAC
ACCGATCATGGAGCTCTTGACGAGACTGAACTCGCGCGGCTCATTCTCAAATTCGGTGGC
AGCTTCGATGACTACGGCGTGCTGCAACAT

>naRXA01962-downstream

TAAACCGACTCACTAAGCACCGC

>naRXA01963-upstream

CAGATTTTCTCTGTGTGAGCTGGGGTTTTCTGCATTTCCCACTTGTTTTTCTCCAACACT
CCACACACACCTTCAAAGAAGAAAGTTCGAAAGATTCT

>naRXA01963

ATGAAAAACCGTAAAAAAATCATGTCTACCCTCACCACTGTCTGEGGCGTACTGGGTATA-
GTTGCAGCTCATCCATTCCACGCCTCTGCTGTCATCGGCGGCTCTGTCCCATCAACTGAT
TCCGTTGCCAACGCTGTGCGAAAAATCGGACCAGGCGCATTGAACTGCAGCGGTGTCATG
ATCTCACCATCGTGGGCACTCACCGCACGCCACTGTGTCGATGACATCAACATACTCGGC
GACATCGACACCATCACGCCTATTACTCCAGGTATTCATCGCAATGAAGGTAACATATATG
GGTGAGGTTTACC CGCACCGTCCGGTGATCTAGCGCTCATTAATATCAACGGCGTGAC
AAGGGCACCATGCGCAGCTCCCCACACAAGAATATCCACTGGGAACCGCTGCACAGTCA
GTCGGTTTTGGTGGCGGTGGTGTCAATATCCGACCGCTGAATCGGTCAACATGATTCTC
ACCGACATATATAGCGTGAGGTGAGGGAAATTCATCACGGTGTGGTTCGATCACAATAT
CTCCTCTTTGATTATGACAGTGCTGAACTGGTCAATCCACAAAGGTGATTCTGGGGGC
CCCATCTTCATTGGTGACGAGGTTGTGGGCATTATGTCTCACGGCACAAATAAAGAAC
GACGGGTCTTTTGATGACGAATCC

>naRXA01964-upstream

AGAGCCAGATGATGGCTTTGATATGGATGATGTCATGGGCCAAGCGTTCGGTCGCTAGCT
CATACCTTGTTACAACGACACTTTTTAAGGGAAGAAGATT

>naRXA01964

ATGACCAGCGCTGTGAATGTGCAGAAGAAGACCACACAGAAAGTACTTAAGCCCATTAAT
ACGAAGAATTACTCTGCGACAGATGCAGTACAGACAGGCCAGCACGGATCTGCTTTAGGC
TCGAATATCGGTGTCTACACCTATACCGCTGGACTCGATATTGGAACGGTTATGTCAAG
GGCATTATCGAGGCAACCGGTGATACGACTGGCACGTCTGTTGATGTTATGATATGCCC
TCTGCAGCAACGCGCATGAGCCGGCCAACGGAAGTCCCGAACAGATGACACCGCTGTT
GCTGTCACCGGTGCGGATTTCTTCAACCACATTGATACCAATTTCAATTCGCCTATGGTG
AAAGGTAATTATCGTTACCTTTGTGGCACGCGCAGCTTGTCTGCACGAGGTAGCTTGGAG
GAATTTGATCTGGTGGGTAACCGCTCCAAGGCGGAACAAGAAGTGAAGCAAGGTGCTGGTC
ATGGCAGTACTTGGCGCCAAGGCTGTGAAAGACTTTGTGGCAGCACATGGTCAATCCCA
CAGGTTGCTGTTGAGGGTGATCCCGGTGTGCTGCGTGTGCATACGTATCTTGCACCTGCG
TTACCGATTAATGAATATGTGGGTCACCGTCATGGGTATAAGGCACAGTTTATGGGTGAT
GGGGCAGCGAACCCGGCTGTGCATGTGGTGACGGTTAACAACCTTTGAAACCCAGCAACG
GTGCAGCTCATCTTGAGCGTGTGAGGTCATTGCCGAGGGCGCATCGGCACAGTATGCC
ATTACCGCAGGTGGCGAAGTACTTATGAACGGAATGCTCGCCGATGTACGCTCCAAAGGG
CTTGCTCTAGAGGGCGTGACAGCAGGTGATGTGCTACAAGCTCGCCACACAATCGGTGTG
GATGTGGGTGAAGTACTGTGAATTTCCAGTCTTTACGGATGGGCGGTTTAAATCATGAT
GCTTCACGCGCCTATGACAAGGGTTATGGCACCGTCTTGGAGTCGGCGATTGAGGCTATG
GACGATGCTGGGTTGGCACACAACCTTTAACTCGCGTAAGCAGTTGGCTGATTATTTGCAG
CGACCACCGAGTGCACTCAAGCGGAATTTCTATACCCGCGTGGAACAGCATGTTGATCAG
GAGGCAGTGTTCTTTGTTTCAAGGATGTGGCTGCAGAGTTCGCACGAGTGTGAGCGACGTG
GGTGCTCTTACCGAAGTAGCCTTTGTCTACGGCGGTGGTTCCGGCCCGCTGCGTGATCGA
CTGCATGAAGCGTTGCTGATTAAGGCAGCGGAGATGGGTTCCGGAAGATACGTTCCCGGTG
CTGTAT

>naRXA01965-upstream

ACTTCTATGTTACTATTAAATTAGTCAATAACGTTAGTCATAACAATGCAGTTATTGAA
GAGAACTTCCCGACACAATGTACGAAATGGGGGTCACAC

>naRXA01965

ATGGCTCAAAAACAGGACACGACACATGTATCAGAGGACGATGCCCCGTGGCGTAATGTG
CGTATGCGCTTCCGAGAAACAGACGCTATCGTTGAGCGGTTTTTGAAACACAGGGTGCT
CGTGGCATCTCGCTTGCGATGCGACAGCTGATCTATTTGTTTGTGCTGAATACGGTGAT
GTAGAGGTTGCTACCGTTATTGGCCTCAAGCTGGTGAAAGCCTGCAGGCAGGGGCTGAG
GGTAGTGATCTTTTTGCTCAGCTCGCGCGGGTTGCTGACGTAGACGCTGTGACTACA
CGCAAGAAGGCACCGCAGCAGATAGCACCGCCATCGACCACAACCCGTGCACCTGATCAG

GTAAATGAGTTTGTGCGGAGGCGGAGAGTCAGCCGGTTGAGGAGTCAGTTGTTGAGGCC
AAAGTACCCAAAGCAGCAGGTAGCACCACAGCCGGCACAGAAGCCGGAGCAAAAACAGAA
CAAAAGTCGGCGCAACCAGCAGTCAGAGCCAGATGATGGCTTTGATATGGATGATGTC
ATGGGCCAAGCGTTCGGTCGC

>naRXA01965-downstream
TAGCTCATACCTTGTTACAACGA

>naRXA01966-upstream
CCCTGTTATGGCTGGGTTTATAAGAAGATGGGTTAGTTTTTAAAA

>naRXA01966
GTGCTGAATCTGAAAACAACACAACACCAGCAGTCGCAGCTCGCGATGACCGTCTGGTC
TGGGTCGATCTGGAAATGACTGGTCTAGATTTGAAGCGCCACGTGATCGTGGAGGTTGCG
GCGTTGGTCACTGACGCTAACCTCAACGTTTTGGGCGAGGGCGTGGACTTGGTTGTTAC
GCAACTGAAGAAGAGCTCGCGCAGATGGATGATTTTGTACCAACATGCACGAATCCTCT
GGGCTGACTGAGCAGATCCGGGAATCCGCGGTACGTTGAAGGAAGCCGAAGATGCTGTG
CTCGCATGATTGAAAAGCACTGCGATCCAGCCCATCCTGCACCGCTAGCTGGTAACCTC
ATTGCCACTGACCGCGCTTTATCCGCGAACATATGCCACGTCTTGATGAGGCCCTGCAT
TACCGCATGGTGGATGTGTCTCGGTGAAGGAATTGGCGCGTCTGCTGGTACCCACGCGTG
TACTACAAGCAGCCGGAGAAGGGTTTGGCGCACCGCGCGTTGGCGGACATTGTGGAGTCG
ATTCCGGAGTTGGATTACTACCGTCGCTCATTTTTTGTGTCAGAGCCTGGTCTACCTCT
GAGCAGTGCAGATGATGCGCAGGCAGCGGTGGACCGTTTTGCACCCTACTTTGAT

>naRXA01966-downstream
TAGAGGGTTTTAAGCAGCCTGGT

>naRXA01968-upstream
GAACTGGCGCTTTTTAAGTTGTGGCAATTTTGCCAGAAGGGCGTAACAGGTGCGGGTTTT
TCGTGGTAGGCGGGAGCAGTAGCAGGATCTTTTCTTGCA

>naRXA01968
GTGCTGGCAATTGGTTCACTGGCGCTTACGGGTTGCACAATTGAACGAAGCGATGCGCAG
GAGCAATCCTCGCAGCAAAGTACAGAAGTTGAAGCTGAAGAAGCTCAAGCTCCTGTGATT
TCTGTTGATGATGGTGTGAGGATGTGGACCCTTCGGAATCTGTCATCGTAAAGTCGATG
GGTGACGGTCTGAGCAAGGTACCATGACTAATGAAGAAGGCTATGAGGTTGAGTCAGAG
CTTTCTGACGATGGCCGTAGCTGGACCCTGCGGAAACCTTGGCTACAACCGCACGTAC
ACCATTAAGGCAACCGATAAGAACGGCGAGACCGCTACTGCGTCTTTTAGTACTGCAACC
CCTGCAGCTACCACAAACGTGGCGCTTTCTCCGCTGGCTGATTCTGTCGTTGGTGTGGC
CAGACTATCGGTTTTCCGTTTTGGTTCCCTGTGAAGGATCGCAAGGCGGCTCAGGATGCT
ATTACTGTGACAACTTCACCAAGGTGGAGGGTGGCTTTTACTGGTTGAACAACAGTGAG
TTGCGCTGGCGTCCAGCGGAGTACTGGGAGCCAGGTACTGAAGTTACGGTCGAGGCTGAC
ATTTACGGCAAGGATCTCGGCGGCGGTGTCTGGGCGAAACTGATAACGCCACCAACTTC
ACCATTTGGTGACAAGGTTGAGGCTGTGGCAGATGATGCCACCAAGACCATGAGTGTGTAC
AAGAACGGTGAGTTGCTGCGCACTATGCCGGTATCCTTTGGTCGTGACACCTCTGAGTGG
GCAACGCCAAACGGTACCTACATCATTTGGTGATCGCAATGAGTCGATGATCATGGACTCC
ACCACCTTCGGTCTGGGATATGAGGAGGGTGGCTACCGCACTCCGGTGAAGTACGCGACC
CAGATGTCTATTCTGGAATTTACGTGCACGCAGCACCGTGGTCTGTAGGTGCGCAAGGT
AGCTACAACACCTCACATGGTTGCATCAATGTATCCACCGAAAATGCTCAGTGGTTCCAG
GAGGCCGTGAAGCGCGGTGACATTGTGACCGTGAACCAACCATCGGTGAGACTTTGAGT
GGCTACGACGGACTGGGGGACTGGAACATTCCATGGTCTGAATGGAGCAAGGGGAACGCG
GATCAAACCTTCGGCGTGG

>naRXA01968-downstream
TAACTGCGGAAGTCGCAGGTAAA

>naRXA01969
AAATGCCAGCGTCGTGGTTTAAGCCAGGATCCGTTGTATAAAAACCGGAATTCCTTGTG

ACCACGCAGAAGTGGTTTAGTCCTCGTCAGCAAGAAAGCTTGGAGCAGTTGTGGGCGTAT
GACAAAGCCTACGGGGCGTTAAAGCTTGCGTGGCTTGCGTATCAGGCGATTATTGATTGT
TATCAGATGGGTAATAAGCGTGAAGCGAAGAGAAAATGCGGACCATTATTGATCAGCTT
CGGGTGTGAAGGGGCCGAATAAGGAACTCGCGCAGTTGGGTCGTAGTTTGTAAACGA
CTTGGTGATGTGTGGCGTATTTTCGATGTTGGTGTCTCCAACGGTCCGGTCAAGCGATC
AACGGACGGTTGGAGCATTTCGCTGGGATTGCTCTAGGTTTCCGTAATTTGAACCACTAC
ATTCTGCGGTGCCATTATCCATTACAGGCGAGTTGGTCCATAAGATCAATGCACTC

>naRXA01969-downstream
TAAAACAGGAAGAGCCACTTAAG

>naRXA01973
TCCGCGATGTCTAAATCGCAGGATGATCGAAAAATTGCAGAGCTTGAAGCACAGTTTCAT
AGTCTTGGTCTTAACAACACTGAAGTAGTTACCCTTGATGATGCAGCGTCGCTATTGGGT
GTGCCGGCAGGTATTTCATCAGATTGAGGCCGAGGTGATGTTGGTGAATTTCCGGTGATGGT
GCAGATGGCATGGGCGGTGACACGACGAAGTTTTGCATTATCAGCCAGATGAGTCGCAG
CCTTACGTCTGGGTGATGAAGCGGGTGTATTCCTTTGAGGCGATGAAAAGCTCATGGTC
GGGTTGTTTATTGGCTTGTGCATACTCATCGTGGGTGGGCCAGCTTTAGGGCTTATGCTC
GGTGGTTTTATCGTGTGCTTATTGGTCTATGTCTAGGTACTTCCGCAGCCATGATTGTT
GGCCCTTTTGGGCTTATGCGGATGAAGGCGTATCCACCATGTATGGACAGTCCATGGGTG
TATATGTCACAAGAGCAGTGGCGCACCGCTATGGGTGCGGCACAGCAGACCGAGGTGTCT
TTTGGTTGAGCACTGGGACAATATTTACGGGGATAATCTGCAT

>naRXA01973-downstream
TAACAAATTAGTTAATAAAGTGT

>naRXA01974-upstream
ACAATATTTACGGGGATAATCTGCATTAACAAATTAGTTAATAAAGTGTAGTATTTAATT
AATTATTAATTCAATTAACCTTTTTTGTAAGGTGGGAAG

>naRXA01974
ATGACCCAGGTTGTGGCGGGTACGTTGGTGGGAGAGTCGATTAATCGTGAGATTGATGAA
GACAAGTACCCTTATTTGAGCTCGTATGCAGCGCCTGTTGCTGTACCGGTGCGTGAGATT
ATTGGGCGCGAAGAAGAAGTCAATAAGATTATGGCCGCGCTGATGCGTCCAGAGATTTCT
AATGTCATGCTTGTGGGTCTGCTGGTTCCGGTAAACTACGTTGGTACAGCAAGCACTG
GTGAAAGATCCAGAGCGTAACATACATCGAGGTGATGTAGCGAAAATGGTTGCGGATTTG
AGCACCCCGGCGCAAATGGCTGCGCGTATTAAAGGTGTGTTTGAGGACGCCATTGCCTAT
CGCAAGCACGAAGGTCATGAATTGGTGTGCTGTTGCTTGATGAGTTTCACCAAATTGTGCAG
CTGTCTAATGCTGCGGTAGAGGCAATCAAGCCGATTTTGGCGATGTCTGGTGTCTTGGT
GTGCGCGTTATCGCTGCGACAACCTCTGAAGAATTTACGAACACATCAGGCCGAACCAA
GCATTGACGGAGCGTTTGCAGGAAATTCGACTAACGCCGACCGATCAGAAGACCACTGTG
GCGATTTTGCCTGGTATGGCAGATCGTTATGGCGTAAGTGATCAGTTCTATGACGACCAC
GTTTTTGGAGCAGATTACTCCACCACTGAGCGTTTTATGCCGAGTTCTGTCCAGCCTCGT
AAATCCATTTCGTGCTTGTGATGCGATGGTTGGTTGGCATCGACTTCCGGCAAGCCGATG
GATATGGATCTGCTCGGTGATGTGCTCCACGATGCTATTGGTGTGATATTGCATTCAAG
GTCGATGGTACGAGCATTAAGACAAGCTTGATGAGAAGGTAATGGCGCAAAGTCTTGCC
ACCACTGTGGTAGCACGTCGTTTGCAGCTGGTGGTGGCGGATCTTCATGATAAATCACGG
CCACTGTGCAACTTCTGTTACCCGGGCTACTGGTGTGCGTAAAACAGAGCTGGTCAAG
CAACTAGCACGGGTGCTCTTTGGTGATGACACTGGGCGATTGATTCTGTTTGACATGTCA
GAGTTTCGCTTAGAATCAAGTCTTGACCTTTTCAGGTCTGAGCTCACTCGTGTGCTGCT
GACCAGGGTAACGCTATTGTCCTGCTCGATGAGGTTGAGAAAGCTGATCGAGCTATTGCG
CGGTTGTTACTGCAGGTACTTGATGATGGCCGACTATCTGACGATTACAACCGTGAGGTG
AGTTTTCTTAATACCTATATCGTCATGACAACCTAACGCTGGTTCTGAGATTTTCGAGACA
ATTTGCAACTATGCCACTGATGACACGGGCGATGGTGGGCGATCAAAGACTTTGTGAAA
AACATTACACGTCGATCAAGAATAAGGGTTTTCCACCTGAGCTTCTTGGTGTGTAGAT
GAAATTGTGCCT

>naRXA01976-upstream

GTGATTCCGGGCGTCTTCGCTTAGAGTAAATTAAACCGTAAAAATAAACTCAATTAAGTT
AGTATATTAAATTACTTGATTTAATTGAAGGGGTTTATAGT

>naRXA01976

ATGACGCAAACTTGTCTGGCGAGCGCAGAATCGTCACCACGGCAGAGCTTAAAGCGATG
CTGGCAGAGGGGATAAGGTGTTTCTGCCTGGTGTGCGCAGCGGGCGCCAGAGATCCTC
GACAACCTTCGATCCAGCAGATCGGGCACGTCTCGACGTGCCCCGAGCAGACAATGAAATC
GTCTCTGTAGAATTCTCCCGCCGCGATACCGTGCAATGCATCAGCATTGCCGACCGTGAC
CATCTCTACATCACTGACGATATGATCCCGACCCACAACACGTCCAACATTATCTTCTTG
AAATCCACAGACGAAACAATGATTAAGACGTTGGTGGATTGGTCAGGTGAGCGACATGTT
GTACGCAGAAATTCAAAGACCGTAACCCGTGACTTGGCACAGTTAGTTATGCGCACCGAG
GGTAAAGTGTCTGACACGTCTGCAACTGAAAAAGAGCCGGTGGTGTCTTATAATGACCTA
AATACTCTGCCATCGCAGAACGCCATCGTCTTCCGTGCGGGTCAGTATCCGGTGTGGTCA
CGCAATGAAACGATTTGGCCGATGTCGTTTCATGTTGTTTGCTAACAGATTATCCAACCG
GGTCGCGAATACTCGTTGCAGACTATTTCAACACTGTCGAGCGCTAATGAATTCGATGTG
AATCAAAATGCACCGGACTTTATGGCGATGCTGGAAAAGCGCATGGCGCAGTCGATTCTGT
ACTCAGCGTGCCGTCGATATTTATAAAAAGGCGACTGGGCTCGATGACTCTGATATTGCA
CGCCTGGATATGGATGTGTATTACAGCAGAAATCATGGACATCGTGGACACGATGATCGCG
AAAGATGAGTACGATGACACGCCGATTATGACGAGGGGGATGAGTCTGTCATGAATGCT
CGTGATTTTCATGGAGTCTGAATATGACGTTTTTGATGATGAGTTCGAAGACAGTGCTCAG
GGCTTCCCCGTGCTACTGGTACGAAGGTGAAAAAGAAATCTCTGTCTGAAGAAGCAGAG
GTCAATGATGAATTCATTACGATCAGGAGAATGCAGAACATAAGCTCGCTGACATGCGG
TTGAAGCGTTATGCCGAAGGCAAGGTGTCACGAGATATGCTGGCTGATCAATTCGGCCAC
ATCTGTCAGGACTCACTCGAAGATGAGCTCACTGCAGCCTATGATGAGAGCCTGCACGCT
TTTGCTCAAGATCCGAATTTCCGGGTGACTGCTAACAACGGCTTGGTTAATGCTGTGAT
GGCACTGTGTTGATTGAGGCGTTGTGCGAGGAAGATATTGCACTTATGCGCGCGCAAGCA
GGAGTGGAGCAGTCGCGTGTCTACTCTGAGGGTGAAGAAGCTCTATCTGGCACAGAGGAT
GATCCGCTGTCTGCTATGGGTAAATATAAGACCACCCGAGCATTCCGCATCATGCTGGTG
GAGCTTCCGCATTGGCGTGATCTCGCCAGGGTCACTTTGATAAAGAAGTCGCGCGAGCC
TTTAGGCGTATTGAAGATGCT

>naRXA01976-downstream

TAAGTGTCGTGAGCGATAAAAAA

>naRXA01977-upstream

AAGTCCAGTGACTAATAACCAATAGAATTGAAGACCACTACCTCAAGGGCGGACGTGGCAG
GGGCACAGACGATCCTAGCAATATGCAAATTGCAGGAAGT

>naRXA01977

ATGTTGCGCACATTATTCGTCCGCAAGATTAGAGCGCTGCTGCTGGTTTTGATGATTGCG
CCAATCCATTGGTTCGAAGGGCTAACTTCGACTGCAATGATTGTATCCGTAGTAATCCTG
GCGATCTACATGGCGATAACAATGTATAGAGTAGTGCACGGTCGCCATGAGTTCGCGCAT
ATCGCACGTGCGATGGCGCTTTACGTCAACAAGACTTCTTCTAGGTTTCAGTGTGTTATT
GCTTATGTAGTATTAATTGCTATTTATGCGCTACTAATCCCGGACTTGTCTACTCTGTT
ACATTTGGATTTCATGTCCTCCCAAGCACACCTAATACGTTTAGTGATGCACCTGCATGGATT
ATGTGCGTATCGCTGCTGCTCATTGCAGTCGCCAGTTTCATCACATCAATCATGGATGAC
TTTATTGATGGCATACTCACTGATTTTTATGACGAAGATAATGCTGATAGCCCCGATAGT
CCTGCCGAGGATATAGCCACCCGTCCTGTGAGAGCGCAACAACAAGTGCTCTTGCTGGA
TTTGCTGTGTTTATATTGTGGGCGCTTTAATCGC

>naRXA01977-downstream

TAACACTTAAACACTTCTCAAC

>naRXA01982-upstream

TGCCCGCGACCATGAGATGATCAAGCGCTTTTTACCCTGCACCTTCGCTAAGACTCTAC
CTTACCCCAACTCATCATCTACTGAAAGAAGGCTTCTGCT

>naRXA01982

ATGGCTACCACGACCTCCCCACGACGATTACACCGGATTCCGAGGAGACCGTAGAAAAG
CGTCACTCCCTGACCCCGATCCTGGATTCACTTCCCTGCGAGTCAGTTCCCTATGCTCTG

GCTGCAGGTGAGGGACAACAACACCAGCTTGGCCCCTACCATCTCACAGTTATGTCCCGT
CCCGAAGACAACGGTGGAAATATTTTCGCTGGCTCGTGTGAGCGCAGGCAAGACTCCCCGCC
ACCCGGTTCTTCTCTGTGCGAGGACCGACGTTCCCTACATGATGGAGGGGCGGTTGACT
CTCTGGTTCGCTGATGGACGTCAAGAGATCATCGCTGGCGGCAGTGCCACCATTCCCTACG
AATACGCCCTGGTCCTTCGCCTGTGAGGGCCTAGTAAATTCAGCTCTAGTGTACTACTCA
TCCTCGAATGCATTCCCTACACGCGGCAGAGAAACTTGGCACGTCCTCGTTCTCCACACC
TTCCGCGTCAGTGGCGAGGTACAGGGATTCCCTACGAGGAACTGGAGGATTGCGGATTTC
ACATTCTATGAGCGGGACACCTTGCCGAGCTCGGGCCGATTTTCGATCGCCTCCCAGAA
GATATGAAGGCGTTTGCCCTGAACGATGGTGAAGGGGACCGGCTTGAGCAGTTCGAGCAG
ATCAACAGCTTCGTCTGCCGTCCGAGACACACCGGAAATCAGTTCCTCGCTATGCAGACC
AAGGGTGCCAAGACGCCTTATATACCTCGTCATTTCCACCGCCTTCACACCGAAACTTC
ATCTGTCTGGACGGGCGCGTCAAACCTGCACGTCAACGGTCAAGAGATCATCCTCTCCCGT
GGGGATTACGTTTCATGCCCCAGCCGGAACCATCCACTCTTTTCGCCTTCGACGGGCACAA
ACCCAGATGCTGGGAGTGCTACCCACAGAGGTATTCGAGAAGTTCCTTGACTACATAAAC
ACTCCGACTAATGCTCGAGTTCAGCTGGAGGACGGGGGAAGCCATTTTTCTGCTGAA
GCATTGCGGAAAGTCCAAGCTGAACCTCGATGTCGTGGTGGTTCGGCCCCCAGCAATTAGT
ACCCTGGATGTTGTTACAACTCGCGTTTCGAACCAATTAACAGAACTATCACCTATCGT
GCGCTGGACGCTAACCAA

>naRXA01982-downstream
TAGTGAGTGAGCCGAAATCCCTG

>naRXA01987-upstream
GGGTTAGGAGAGGGGAAATCCCCGATGTGCTCTAGGTTCTTATTGGCGATGATTGAAGAA
GAAAGAAAACTCAATCAGCCATAAAGGAGCTTGATCCCG

>naRXA01987
ATGACTTTCCAGCACAACTCTCGACGACTCGCCCGAAGCACCACCGACAAATGGATCGGC
GGCGTCGCTGGTGGCTCGCAGAGACCTACGGTTGGAATCCGGCCTATGTGCGTCTCGCG
TTCGTGGCGTCGGTTCTGTTTCCACTGCCAGGTTACAGATCCTGTTCTACGCCCTAGCG
TGGCTGATCATCCCATCCCGAGAAAATCGCTTC

>naRXA01987-downstream
TAACGTGCGTTGCATAACGCAGA

>naRXA01988
ATGATCGACCCACTAACTCCAGTCGTTCCCATCACCCACGGGCACCTCAGTTGCCGAGCTT
TATGCTGACGCCCCGCGAGCACCTCGACAATGGTGCAACCCAGGTGATGATCCCCGTCATT
TCACCTTCCAACCTGACCTTGTCAGTAGTTGCCCTGGGCAATCAAGAGGTTGACGCACTG
GGCCATTCCGAAGGACAAGCAGTTCACCTCCCTTCTGGAAATTCATACCCCGAAGCGCAGC
TGGCTCTTTCCGAGCTTATATTGATGACAATGAGGGTTTGGCTCAGGTGTCGCGCTGC
TTCGCCCCCCTTGTGGC

>naRXA01988-downstream
TAGTCCCACCCACCAATTGCAT

>naRXA01990
ACATCTGATCATGTGGCACAGTTTGGTATGGCAACTGCGTCTGCTGCGACGTTGCCGGAC
AGTATTGTGACCAAGTGTTCCTTATACGTTGAACGGGCTGTCATTTCTGACCCGGTTGAG
CTGGGTATCAGTGACAACGACAAGCGTGAAGAGCTTCTAGGAGACATACCAAGGGTGAA
CTGCGATTGCAGATGGAGTTTTCGATCCCGGATTACAGCAACTGCCGAGGATGAGTACGTC
TTTAATCTCACCGGCGATGGACTTCGGTTTTTCAATTCAAACGATCGCACCGTCCCTGTA
CGCAATGATGCAGGTATTCGTGTCGAGATCTTTTGGTGAGCAACGGTGGTACGCGCGGT
ACGTTGACAACTTTAGTTCGGATGCTGGCACTACTTCTCGCACCGCAGCTCTTGATATG
GAACTGTACGGGTGGGTGAGTAGCGCCAGCAGACGGGTGAGCGACCAATTCAAGACTGG
ACTGTGGGTAAAGACTGAGGGTCAGGTTGAGAACAAGGTAGTCCGCTACGGCGTTGCTGGA
CACCCGTGGATTATCAGTACTGTCCAGCACACGTGGGTTAAGTCTACGCAGACCGTGTGCG
CATTTCCGAAGTGAACAAGACTGGAAGATTAATCAACCACAGCTGTTGATATGGGCGCA

TTAGCATACGCAGCTCCACTTGGCGTCGTGGTCGGGCACGCCAATGTTGTCATTAGCAAT
AACAACGGTGCTGGATTCCGGGGTGCGCTTGTCAATACCACACCCACCACACGCGACGTG
ATACTTAATTTTCACAGCCGAGACGGAGCCACTTTACGCGAACGTTCCGGAGGTGGATTT
GAGGATTTGACGCTTTTCTCGGAAGTTCCTCGGGTAGAGGAAACATCGACGAGGATCAGC
TATTCTTACAAAAATTCATTTGAATATGACGAATTTGTTGCCGATTTCGGAGTACCGA
CGTAGCTGCGTGGGAACCAACCGTTGTGTATTACGCGGA

>naRXA01990-downstream
TAAGACCACAGCAACAGCGACGT

>naRXA01991-upstream
TCCGGAGGTGGATTTGAGGATTTGACGTTTTCTCGGAAGTTCCTCGGGTAGAGGAAACA
TCGACGAGGATCAGCTATTCTTACAAAAATTCATTTGAAT

>naRXA01991
ATGACGAATTTGTTGCCGATTTCGGAGTACCGACGTAGCTGCGTGGGAACCAACCGTT
GTGTATTACGCGGATAAGACCACAGCAACAGCGACGTTAAGAATATTCCTTCGGATATT
TCCTTTAGTTGGACTGGTATTGAAGCACTAGAGCCATTTAGCCCTGGTAAACCTTCGAA
CATAAGGTGCAAGGTTCTGTTGGTGAACCAGCGGGGCGTTCACTAGGGATAACTATTTTC
ACTGAGGGTGAGCTCTACAAACATCGCCACGCAGACGATCTGCTTTCCGGTGATGGCTTG
TTTGGCCCCAACATCACCGATGGCGATGGCAACCTCCCCTCTGTTGATGACGGCAAGGAC
GGTGACGATGGGTCTGATGGCTCAGACGGCCGAGACGGTGTGTCGCCATTGATGTTGTT
GACAATGCTGACGGCAGGTGACTGTCACCTTGTCCGATGGCACTACGTTACTCTTGAT
GCTGGTCAAGACGGCAAGATGGTCTTGACGGGCTTGATGGTACTGGCCTAACGCTGGAA
TCTGCTACCCCTGATGAGGACGGCAACATCACCTATGTTCTTTCTGACGGTACTGAGTTC
ACTGTGCGCAACGGTGTGATGGGTGACACGGTAAGGACGGCAAAGATGGAGTCAATGGC
ACAGATGGCGTAGACGGGTGACACGGTAAGGTCTGGTAGAGGTGTCCCGAGTTACCAAC
GACAACGGCTCAGTGACCATTACCTACGAGGACGGTTCACAGATCACCACGAAGCCAACG
CCGACAACTGGCTG

>naRXA01992-upstream
ATAGATCAATGCTGGCATAAACTAAAGGCACAACAGCCGATTCACTTATTTTAGGCGAA
TGCTTGAAGTCGAAGTAAGTGAGGGGAGAGGATCCGTTA

>naRXA01992
GTGTACTGCCCATTTTGCCAACATGATCATTCAAAAGTCATTGACTCCCGCGTCATTGAC
GCCGGAAGCGCCATTCGACAGGCGCCGCGAGTGCAGCAAATGCGAAGGCCGTTTACCACC
ATCGAAAAAGCTGTTCTCCTCGTTGTTAAAGAAACGGCGTCACTGAACCGTTCAGTCGA
GAAAAAGTAGTCACCGGTGTCCGTGTCATGCCAAGGCCGCGACGTATCAGATGACGCG
TTGAAACGCCTAGCTCAGCAAGTGAAGAAACAGTCCGCAGCAACGGAAGCTCTCAAGTA
CGCGCTAACGATATTGGTTTAGCCATTCTCGATCCACTGAGAGAACTCGACGAGGTAGCG
TACCTACGCTTTGCCCTGTGTATAAGTCTTTTGACAGTGCTGACGACTTTGAAAAAGAA
ATCCGCCTCATGCGCAGACGCGGAAGGGAC

>naRXA01992-downstream
TAGCAGACACAAAGTCTTAACTA

>naRXA01996-upstream
GAACACGGCAGCGACACAACTGCACAGATGCAAGAGTGTCGGTACCGTTAAAAACGAAA
CACACTTTCACCGAAAAGGACTTCCCA

>naRXA01996
ATGAGCAAGTTGACTGGCACCTGGACCCTCGACCCTGCACACACCGAAATCAAGTTTCGTG
GCTCGCCACGCAATGGTTACCAAGGTTTCGCGGTGAATTCACCGAGTACACCGACTCCATT
GTCGTAGATGCTGAAAACCCAGAGAACTCCTCTGCAAAGGTTGTTATCAAGACCGCTTCC
GTTACCACCGGCAACGCAGACCGCGATGCACACGTTAAGGGCGACGACTTCTTCGCAGTA
GACAAGTTCCTGAAATGACTTTCGAAGCTACTTCCTTTGTTATCAAGAACGAAAACGAA
GGCACCGTTACCGGCGACCTCACAAATTCGTGACACCACCAAGTCCGTCACCTGACGTT

GAGGTTGGTGGCGTTGCTGAGGATCCATTCGGCAACACCCGCCTTGGCTTCGAAGCCTCC
ACCGAAATCAACCGCAAGGACTTCGGCGTAGATTTCAGGCTCCACTCTCCACCGGTGGC
GTTCTGGTTTCTGAGAAGATCAAGATCGAGATCGACGGCTCCGCAATCAAGGCTGCT

>naRXA01996-downstream
TAAGCGCCCAACAAAAAGCC

>naRXA01999-upstream
GGGTATGTAGTTAGAGACGACAGACACAGAAATCTTCAGCCTCGCGAACCGAGTGATAGC
ATACTTGACCATATCGAATTCTCTACCAGCTCGAGGCATC

>naRXA01999
ATGACTCTCCCCACCCCTACACATTCCACCAAAGGCAGTTCAGGCCGCATGAAACGAATG
GCCCTTATCGGCTCCTCGCTCATTATTTCCATGGGACTTATTACTGCGTGCGGTTTCGGCC
GCTGCAGAACCCGAAGCCCTGCACCAACAGTTACCGAAACTGTAACAGCCACGGTGACA
ACCACAGCTAAAGCCAGCACGATCACCTCGACAGTGACGGAACCTACCTCCGCGGAAGAT
CTTGCCCAAGAAATTGTGAAGCCAGCGGCCGTGGAGGAATATTAGAGCCTCAGGTAAAT
ACGCCACAGCAGTTTGGGCCATCCCGAACCTGCACCGGCGGTTGCACCAGCTCAAACG
TATTACGCCAACTGCGCGGCAGTTCTGTGCGGCGGTTGCAGCTCCCCTTTATGCGGGATCA
CCTGGATATAGTTCCAAGCTTGATCGCGATGGCGACGGAATTGCCTGCGAA

>naRXA01999-downstream
TAAATAGGAATAGTTAAAAACAC

>naRXA02001
ACCCGCGACCCCATCGTCGCAGCCGTCGGAATTGTCCAAGCGTTTCAAACGATAGTCAGC
CGGAATCACAATCCGGTCGAGGACCTTGTCGTGTCGGTCACGCAAATCCACACCGGCAGC
GCCGATAATATCATCCCCGAAACCGCCTATATCAACGGCACTGTCCGCACCTTCAACAAA
GACGTGCAGGCCATGGTCATCACGCGGATGGAAGAAATCGTCGCGGGCCAAGCTGCAGCC
TATGGGGTCGAGGCGACGCTGACCTACAACCGCAACTATCCCGCCACCATTAAACGAGCC
GCCAAAGCCGCAATCGCTGCCGAAGTCGCGGGCGAGGTCGGCCTCGGGGTCAACCCGAAC
GGCTCGCGCGGGATGGGGGCGGAGGATTTCTCGTATTTCTCGAAAAGCGCCCGGGTGCC
TACCTGTTCTGTCGTAATGGCGACAGCGCGGGCCTTCAACCCCGCCTATAATTTCAAC
GACGAGGCCGCGCCCTACGGCGCATCGTTCTTGCCCGCATGGCAGAACGCCCTTGCCG
TTAAAGGGC

>naRXA02001-downstream
TGATCCATGGCGCTCGAAGATGC

>naRXA02004
CGCGTCGGCGTCTGATGCGTCAGAACGGCATTCTCATCATCCGAGCCGGAAGTTCAAG
CGCAGACCGGCAGCGATCATACCTTCAACATCGCACCGAACTTTCTGCAGCAGGACTTT
ATGGCGAGCAGGCCGAACCAGAAGTGGCGGGCGACATCACCTATGTCTGGACGCGCGAG
GGCCTGGGTCTATCTGGCCGACATTCT

>naRXA02004-downstream
TGACCTTTATCCCCGCGGGTGA

>naRXA02006-upstream
ATCATCCATACATGCAGAGCACAGCTTTCACACATAGACATCACTGCACATTTATCTAAT
GGGAGACTCA

>naRXA02006
ATGACAGTTGCACACAAACGAAGTCTGACATGGATCAAGAGACTATCTGCGACTACATTT
GCAGCTTTTCTTGGCATTAGCTTGTGACCCCGCTCACTCAATTGAAAACACGACGCAG
ATTCCAGAAAGCGAATTGCACAACCTCGGGCTCACAGACGAAGAAATTCAAGAATTCAAT
CAATATCTCATTGACGAGTCACTCTTCAAGAGACTGTAGAAACCTCTCGATCGTAGTC
AGCGACAATGAAGATGCAGCCCAAGATCCCGGTTTCGGCCTTTTACCACAAAATCCTGTG
AAACACACAGATGAGCACATTGGCGCTCTATACTTCTCCGACCTACCAGGTATTTCCAAT

CTTACGTGCACTGCCAACTACATCGGTGGAAAATTCTGGACCACAGCACATCATTGTGTT
GAAGGCCGAGTCGCTTCGTCGGCTTCATCGAGCAGTCGGACGGACAATATGCAGGCATT
GAGCATGTTTACACA

>naRXA02007

GGCATCACCGCAAACCTACGCCTTCAAGGGCAAAAAGGTTGTGGCTTGGAAAGACCTCGCA
GGAATCGGATTCAAGGGTGCCCGCACTTTCGCTCGCCCCACCTCCGATGCAGAAGTCACC
CTCCCGGGCGTCACCTTCAACTCCCTTCCCGCCTTGAAGCTGCTTCCACGGCCGCATC
CCCGATGCGATCACCGCAAGCAAGGAAGCAGCCGACGGCAAGGTTGTAGTCGTTCAAGAA
GACGGCTACTCCGTGATGATGTCCAAGGAAGAGTACTTGGAGCGCCAAAAGGCACTGGGC
AAGCCAGTTCACTTGAAGTTTCGATGACGACACCGATGGGAATACAACACAAACAGAAAGC
GTTGAATCCCAAGAGACCGGACAAGCCGCTCTGAAACCTCACATCGTGATAACCCTGCG
TCACAGCAC

>naRXA02007-downstream
TAGAGTGTAATAAGCCGTCCGAA

>naRXA02009-upstream

AACTGCATCATTGTCGTTTCTGAACAAGCGCCGTGGTTTAAGCCAGCCATCATCAAACAG
GCTTAAAAATACTCAATCGTCCCATTCAAGAAAAGAGCAC

>naRXA02009

ATGACCATGTACAACGCCGCAAAGACCCCTTGTCCCCAGATTGTTGCTTTCGATGACACA
GCAATCATCGCACTCGACCAAGCCGCGGAAGATGAATTCCGCAAGGCTAACTACCCCGAG
GTT

>naRXA02011-upstream

TGAATTCGGTTTCTAGATTTTTTTTATTGATTGTGAGAGTGCATT

>naRXA02011

GTGGCTAATGATTTTATAGAACCAAATGATGCCCCGATGCACCTGATAATGGTGACTCG
GGAAGCTCGGGGTTTGTGATGAAGCAAAAGATAAGACCCGCTCAGCTGCACAAGGCTTA
GGTTATGGCGCACTACGTGTAGGTTTTGGTACTGCAGCACTTGCAGCCAATGGTGCTCGC
TCTATGGGTAATTTGGCTAAAAACCTGTGGACACCAATGATGGGGCTTGCCCTGTCTGCC
GGTACTGGTATCTCTGCTGCCACAGGTGGCATGATCACTGCACGTGTAGGCGCAATGCTG
GCAGGTACAGGCTCGGCG

>naRXA02013-upstream

ATCACCGCGCTGGCGACAATTTTCAGAAAACCTCCACAAAAGCACTGCTTGGCCTTTATTTG
TCCGGTCTTAAACACGGCATGATGGCTAACATCGGAGAAC

>naRXA02013

ATGACGGAAAGTCCTGATCTAGCAGTTTCCTTTTTCAGCCGCTTCAATGACATCGAAGCG
CACCTTCGAACCCAGCTCCGCGCTAAACGCTCCGACAGTTTCAGATGGATGGTACGTATC
GCCGAGAAACAGCATCTGATTTCCAAAGAACAAGCAGAAACCCCTTGATGCTTTTGCGGAG
CTGCGCAACGCAATTAGCCACGGCCAATAACAACGATCTACGCCGATTGCCGATCCCCGC
CCCGACACCGTGGACACCATTTGAGAAGATTGCTCCCTCCTTCTCAATCCTCCAATTGCG
TTAAACGTCCTCCCGGAGCAAAAGGTCCGCTCCTACTCACTTGAAGATCCAGTGAGTAGG
GCCTTAGAAGTTGTGCACACCACGGAGATCTCCCAATCCCCATATATAAGGGAACGGAA
TACGTGGCACTGCTAACTACCAACACAATCGCTCGCTGGGTTGCCTCCGATTTACATGAC
AATGCCCAGCTGGATGCAGGTTCTATCAAAGAGGTTCTGGATTATGCAGAATCCTCTGAC
ACTGCAGTT

>naRXA02014

ATCTCCCTCCAACCTCAAGCCATCAGCACCTTCCCCACCGACCCAGAAGGCGTGTGGACC
TCCTTCAACCAACTACTTTTCGACCGCGGCTAGGCTCCCTCGTCCCAGCACTTGCCCCA

GAATCCTTAGACGACCTCCCCGACGAGGTCTCCGCCCTGCGTCGCACCACAGAGAAAAAC
 ACCACAACACTCATCAACCTAGCCAAGCAGCACGGACTCGTACACCACGACATCGCGCCG
 GGCACCTACATCGTCGGTTTGATCACCATTCCCCGCCACCTATCACCGCGCTGGCGACA
 ATTTTCAGAAAACTCCCAAAAGCACTGCTTGGCCTTTATTTGTCCGGTCTTAAACACGGC
 ATGATGGCTAACATCGGAGAACATGACGGAAAGTCC

>naRXA02014-downstream
 TGATCTAGCAGTTTCCTTTTTAG

>naRXA02019
 GCTGGCACCAAGGTTGAGGCCTCTGACCTTGGACTTCAGGCAATCCCTACTTCCCTACTG
 CCCAGCACCTCCTACGATTGACGATGTAGTTGGGCTCGTTGCGGCCCTCCACATTA
 AGTTCCGGGGAAATAGCCACAAAGCCTCGATTCTGTTGGGCACCGAATTGATAAACTCCATT
 GCGACAAACGTCAGTATAGCTCTTTGGTGGAAAGAAATTAACATGGTTCCACTCAGTTTG
 GCTGAACCTTCCGTCATCCCCCTACTGCAGCATGGGGACACCATTTCGGTTGTTTCCCAA
 GACCCAGACACCGGTCTCCAGAGAACATTGCTGCAGGTGGAACAGTAATTCTGGCGGGT
 GGTACAGACCCCTCAACCATCTTGATTGCGCTTCCACAATCAATCGCTGAAAAGGTTGCA
 GCACAATCGCTCAATACCCCTCTGGCGGTAGTCTGACCGGAGACAGAGCAAATAATTAC
 ACAACCGAAGAA

>naRXA02019-downstream
 TAGTTCCCTATTCAAAAAAAGG

>naRXA02021-upstream
 TTGGGTCGCCGAGGAGATCTAATCCTGGTTTGAGTTCAGAGTTCACAGGTTTAAGCCTAC
 AAACCTTAGTTAAACATGATGGAAGCGGTGCGATTAAAAA

>naRXA02021
 ATGAGTGAAAACATTCGCGGAGCCCAAGCAGTTGGAATCGCAAATATCGCCATGGACGGG
 ACCATCCTGGACACGTGGTACCCAGAACCCCAAATTTTCAACCCGGATCAGTGGGCTGAA
 CGTACCCATTGGAAGTGGGCACCAACACGCCTCGGAGCAAACGAACACCCACGGATG
 CTGCAGTTGGTAAAACTGGACCAAGATCGCCTCGTTCGAACAGGTAGCAGTCCGCACCGTT
 ATCCCCGATCTGTCTCAACCTCCAGTAGACGCGCACGATGTTTACCTGCGCCTCCACCTG
 CTTTCCACCGGCTGGTCCGCCCCACGAAATGCACATGCAAAACACCTTGGAGCTGCTG
 TCCGACGTGGTGTGACAAACAAGGGCCCTTGCCCTCCTGAAAACCTTTGAGTGGGTGCGT
 GGTGCTCTGCGGTCCCGCGGACTCATCCACGTCTACTGTGTGGACCGTCTTCCCGCATG
 GTCGACTATGTGGTTCCCCCTGGAGTCCGCATCTCCGAAGCAGAACGCGTGCGCCTAGGT
 GCATACCTTGTCCGGGTACCTCTGTGCTGCGTGAAGGTTTCGTGTCTTTCAACTCCGGC
 ACCTTGGGTGCCGCAAAGGTGGAAGGCCGCTGAGTTCGGTGTGGTTCATCGGTGAAGGT
 TCCGAGATTGGACTGTCTTACTATTTCAGTCCCGAGAGATGAACAGCGCCGCGCTTTG
 CCGTTGAGCATCGGCCAAAACCTGCAACTTTGGTGTGAGTCCGGAATCATCGGAGTCAGT
 CTGGGAGACAATTGCGACATCGGAAATAACATTGTCTTGGATGGAGATACCCCATTTGG
 TTCGAGCCGATGAGGAGTTACGCACTATCGACTCCATCGAAGGCCAAGCAAATTGGTCA
 ATCAAGCGTGAATCCGGCTTCCATGAGCCAGTTGCCCGCCTCAAAGCT

>naRXA02021-downstream
 TGACCCATTTTCATAACCAAGTGC

>naRXA02023-upstream
 GATGTGGCAGCAATTTTGAAGCAGTACCTGAGCGAGTAACCGCATTCGGGGTTATCGTGG
 GACTTCCGAAATGTAAGTAGAGACTAGAGGAGGAAACACG

>naRXA02023
 ATGGCTCCTAAACAACTCCCAGCCCAGAGAAGAATCGAAACCTGGTGGGACCAGTTCTG
 CAACGTCGGCAGACAGAGGGTACTTTTGATCAACGCTTGCTAGAAATGCGCGCTGATCAC
 AATTGGAAGCACGCCGATCCATGGCGTGTACTGCGTATTAGTCTGAGTTTGTGGCGGGT
 TTTGATGCCCTCCACGAGATGCCAAAGGCCGTAACCGTCTTTGGTTCCGCACGCATTAA
 GAGGATCACCCGTACTACAAGCGGGTGTAGAACTTGGTGAAAAGCTCGTTGCTGCTGAC

TACGCAGTTGTCACCGGTGGCGGTCCAGGTCTGATGGAAGCCCCAATAAGGGGGCAAGC
 GAGGCCAATGTTTATCAGTTGGTCTGGGCATTGAGTTGCCACATGAACAGCACCTGAAC
 CCTTATGTGGATTTGGGTCTGAACTTCCGGTACTTCTTCGCACGCAAGACCATGTTCTCTG
 AAATACTCCCAGGCTTTTGTGTGTCTGCCTGGCGGTTTCGGCACGCTCGATGAGCTTTTC
 GAGGTCCTCTGCATGGTACAAACCGGCAAGGTAACCAACTTTCCCATCGTGCTGATCGGC
 ACTGAGTTCTGGGCAGGTTTGGTGGATTGGATCCGTACCGCCTGGTAGAGGAAGGCATG
 ATCGATGAGAAGGATGTTGAGGGGATGTTGGTCACTGATGACCTGGATCAGGCCGTCAAA
 TTCATCGTCGATGCACACGCTGGATTGGACGTAGCGCTCTCCACAAT

>naRXA02023-downstream
 TAAGCAGTGGCTACATTAGGTGT

>naRXA02032-upstream
 CTTAAAAAGGGGCTTTATCGGTTTCAAGCGAGCGAGACCTTCGGCGTTTCACTTCGCCGG
 GGTCTATTTTTATGCCAGGCACGGCTCATAGGAGAACC

>naRXA02032
 ATGCCCTTTCTACAAATCTCTCTGCTTTCCATCGGTGTCGCCGCCGATGCGTTTGCTTGT
 TCCGTTGTCCGCGGCACCGCCATTCAAGTCAACCTTTCAAACGCGCACTTGTCTCGCG
 GGCATCTTTGGTGTCTTCCAAGCGGCAATGCCTTTAATCGGCTGGTTTCATTGGCCGTTTC
 TTTGCTGGAATCACCTTCATCGCTGAAATTGATCACTGGATCGCTTTTGCCTATTGGGT
 ATTGTGGGCACCAAAATGATCTGGGATGCCTTCCAACCTGAAGATGATGAAACCATTTGTC
 GATGACGGCCGCGTTCAATTTAGACCAGCAATTATCCTGGGGCTAGCCACCAGCATTTGAC
 GCATTAGCCGTAGGCATGGGCCTGGCATTCTGGAAGTTTCCATCCTCAAAGTGGCACTG
 TCCATGGGCAGCATCACCTTCGCACTTTTCGCTTGTGGCGCCTGGATCGGACACCATGGT
 GGAGGAAAGTTTGGCAAGTGGGCTACGATTCTTGGCGGAATAATCTTGATCGGAATCGGC
 GCAAACATCGTCTACGAACACCTCAGCGCG

>naRXA02032-downstream
 TAACCCTCGGCGCATTTATCCTCA

>naRXA02036-upstream
 CTAAATGGAAGGCAATGGATACCCGCCGCATGAACCTCCGCCAATGGAAATCCTCGTT
 GCCCTCATCTCTGCTGCAGTGGCGGCTCTCGGAGGGTGGT

>naRXA02036
 GTGCATATTCTTTTTGGGCACCTCGCCGACACCGTCTCCTGGGACTGCGGGGGAGGCAGC
 TGCGCCACCAACGATTTGGTATCCCTGTTTCATGCCGGCCGCTTCATGAGTACCTTCGCC
 GCCTGCGTATTTGGCGCGTGGGCCATAGGTTTGATCGCTCCCGCACTATTTCATCGCGGTG
 ACTGCCTGGGCATTTTCGCTCCGGCGTGCAGGCTGCGATTGCCGACGGCTACACGTCCGCG
 ACTTCGCTCGGCTTCGAAATGACTGTCTCGCTCATTTCTTTTCATCATCGCAGGTCTGTGC
 TTTCTGGGCTGGATCCCATGTTTCATCAACAACCGCCAAGTCGCGCGCAAGGTCCGCGAG
 AGGGCTGCGGGCTTGAGCAAT

>naRXA02036-downstream
 TAGGCTCTCGCTTTTCGACGTTT

>naRXA02039
 ACGTCCACCTCCACCACCGCACCCCTTTGGCTCGTGGGCACGCTTGTGTGGCTGGCGGTG
 CAGGCGGTGATGCATGACGGCGAGCTTTACCATGTGGAAGTTCCACGATTGCGCTGGTC
 ATCGGCTTTGGCGCGCAGCTTCTGATCGGTGTGATGAGTTATCTACTGCCGTCGACGATG
 GGTGGCGGCGCGAGCGGCTGCGGACTGGAACGCACATTTAAACACTGCGGGGCTGTTT
 AGGTGGACGCTGATCAACGGTGGCCTGGCGATTTGGCTGCTCACCACAATTCTGTGGCTG
 CGCGTCTGTTGTCTCTGCTGAGTATCGGAGCGTTGGCAGTTTTTGTCTATTCTGTGCCC
 AAGGCTGTGCGGGCGCAGCGCGGAGTGATCACCAAAAAGCGCGAACCAATTACTCCGCCG
 GAGGAGCCTCGACTCAATCAAATTACCGCGGGAATCTCTGTGCTTGCCCTGATTTTGGA
 GCATTCCGTGGGCTCAACCCCGGTGTTGCGCCGGTGGCAAGCTCAAATGAAGACGTCTAT
 GCTGTGACCATTACCGCAGGTGACATGGTGTATCCCTGATGTGATTGAAGTGCCTGCT

GGTAAATCACTCGAAGTCACGATGCTCAACGAAGACGACATGGTGCACGATCTGAAATTT
GCCAACGGTGTGCAAACCGGACGTGTGGCGCCAGGTGATGAAATTACGGTGACCGTCGGC
GATATTTCCGAAGACATGGACGGCTGGTGCACCATCGCTGGGCACCGCGCAAGGAATG
GATCTGGAAGTAAAGGTTGCGGCTCCGAAT

>naRXA02039-downstream

TAAACCAAGGGCTGCTGAAAACT

>naRXA02040

TACATACCTTTTGTCAATTTGGTCCGATCTCGGTGAGGCTGCCGAAGGTGAGAACTTTGCT
CGCTTCTGGTCTTGCTGAAATCGCGCCGGGACAAAGCTCGCCAGCAGGGACAAACCTTC
GGTGTGTTCTGCTATGCCAGCAACGGCGAAAACCACTGGATGCTCTCCACTGCTCGCAGA
TTCTTCGGCAAAGTCAAAGGTGTGCCCCGACGAGCAAGAAATCCGCAGCTTCATTAGCTCT
GACCAATGGAATGACATGTTTGTGTGCGCGCTCCCACTTGTGGCCCCGGTGGTTTA
GGTCTGAAACAACCTCGCGCCGGCAGCTGGATTCCATTGGGAGGAAGAAGACTTCGCAGGT
GAAGATAGCCTCCACGCATATCTCATTGCTTCCACGGCTGCCGAACCAGAAGCTGAGGCC
GCTCGTGCTCAATTGCTCAGCTACAACGGCGATGATTGCAGGGCCACCGCAGCGGTTTCG
CATTGGCTTCGACAAGGTGCGCGCACGGCACCTGTGCTGGGGAATATT

>naRXA02040-downstream

TAAACCAAGGAAGGATTCTCCAG

>naRXA02045-upstream

CACCTTCCGCCCCGGCTGCTTCTGAGATTACAGAAGCTCCTGCCGCTCCAGCCGCTCAAG
CCGTTCAAGATCTCAACAACGAGAATGAGGTAACCAAGTA

>naRXA02045

ATGAACTTCGCTACTATTTTCGGAAGCATCTTTGAGGTCACCCCTCGTGGGCATTTTGCTC
GGCGCAGGCCTTCCAGCCCTTTTTCATTAGGAATCCGCTTTGCTCACAGCCCTTCTTCC
AACGGCACCAACGCTCTTGAAAAATTGCTTCAACCATCTGCTTTGCCATCATTGCGGTT
GCTATCATCGTGGCATTCTCTGGGTACCAAAGCAACGATCTACCAGTACTCTGGTTTC
GACATTTTCGGCACTGAAGGC

>naRXA02045-downstream

TAAAAGCACCAGCTGCGAATAAC

>naRXA02046-upstream

TCCGTGCCATCACCACCGGCGAGATCACTGGCATCGTGGACGCAAAACAAACAGCAACAG
AAATTATTAACATCCGACGCAACGCTTCAGGAGAGTCCTC

>naRXA02046

ATGAAAGAGACACTGACCACCGGTTTAACCCACCAAATGACCTACATAGTGCCAGCAAAC
CGCACAGTTCGCATCTGCTTCCGAAGCAGCAGAAATTTGAAACCATGCCAGATGTCCTG
GCCACTGGATATATGGTCGGCATCATCGAGTGGGCCTGCATGGAACCTCTGCGTCCCCAT
TTGGACGACGGTGAAATCTCGCTGGGCACTCATGTGAACCTTCTCCACGCAGCTCCAACG
GTTCTTGATCCACGGTCACCATC

>naRXA02049-upstream

TCTACGCAGTCTCCACAGACCACGCAGCTTTAGATGCAGTGTGGCAGTCCTGGCTTCGCG
ATCTGGAGTTGCCGGAGTTTCTTCTGGTGGTTTGGACTA

>naRXA02049

GTGCGCTATCTGACGCTGGCCACAATCATCGCAGGTCTCTCCGGGTTTCGTCGTCATCATC
ATCGCTGCCTGGGCCCTTGGTGATTCCAGCCAACCTTCCGAAGAATTCACCGCTACTGG
GGTCTGTTCTTTGACGGAACCGGAGTGCTGACTGGGTTGACGCAGGAGACGACCCGCGCG
GTGACGGCCGGTTCTCGTGGTGGTTCTCGTGGTGGGCGTGCTGGTTCTGTTGTTGGATTT
AGGCCGTTTTTGTAGCTTCGTGGTTGCGGCGATAGTGCTCGTGGTGCTTGGCGCTTCG

GCGCCGCTGTGGATCGGCCAGCTTTTAAGTAATTTGCAAGGTGTTGGTGTGGGCTACTT
GCTGTAGGTCTTGCTAGCTACGCGATCCAAGCGACAATCTCCGGCATTTTGTCCGGCTG
CCAATTGTGAAAAAGAGTATGCCTCGC

>naRXA02049-downstream
TGATTTCTTTGGACACCGGCGTG

>naRXA02050-upstream
CGCGCTCCCTGCTGGTTCCGCTGCAGCAATCCAATCGGCGATCATCGTTGTTTTGTC
AAAGGTACCGTCCGGTCCATTGAAAACTTTGGCGGGTCCG

>naRXA02050
TTGGCAATTGTGTGGGCAGTCGGACTTGTGGAGCTGGTCTTGTCATGGTTAGTTGGCCCA
TGGATCCTGGACGTTGTACTCCAAAAGGAACCTTCGCGGTCCCTGGCTGGCTACTCGCG
ATGCTCACCTTAGGCGCCACCACCACCGCTTCATTGATGGTGTCCGGCTGCGCGGCGATC
GCCTTTGAACGTCACGGGATCTATCTCACC GGATGGGTGTTGCCACTGTTGTTGCCGTC
GGATTCTTGCTGGGACCTTTTGATTTGGGCGTCGCTGCTGGCCTTGCCTCATTTGTTGGC
CCACTCTGCGGTTTGTGCTGGTACACATGGGAGCGTTTGTGGTGGGGATCGGAATCGGGTT
TTGACTGCGGGA

>naRXA02050-downstream
TAGTTTGGTTTGATTGGGGGATT

>naRXA02051-upstream
CGCACTGATCGGTGTAGTAAGTGGCGGTATTTTGCTGCTAATTAAGTTCGCAAAACGGTGA
GCAGACATCATCTCAACTCGCACAAACAGTCAATGACTCC

>naRXA02051
ATGGTCATCAGAGCTCTCCAGCGCGAAGAAGAAATCGTCCTTCTCAGCGCCGGAGCACTT
GGAATCCATGAGAAAACCGTTGAACGTACAATTCTGTGAAAACGTATTCCTGGCACGCAA
AAGACCGTGCACGTCCAATACAGCTACACCGGAAAACCTCGGAATCGATGCCCTCAGATGTT
GAAATCAAATCCGCAGGTGACAATAAGCTTTCCATCACTATCCCTGAGTTCATCTTCATC
GGATACGACGATCTAAAGTTTAAAGACCATAGCCGAAGATGACGGTTGGATCAGTTTCAGC
ACTGACGATATCGATACTGCAGAAGTAGTTTCTGAGATCATGAGCCAAGAGAACTTCGTC
GAGCAAGTAACCACTAACCGGGAATGTTGGAAGATCAAGCGGTTGATTTCTACAACGAC
CTGCTCCACGAATTCACCGAGAACTCGATACAGATCGATACGAAGACACCAAGATTGAG
CTCGAATTCGAGTTTGAG

>naRXA02051-downstream
TAGATAGTGCTTCGAAGACAGTT

>naRXA02053-upstream
AACCAGCCAGAACTATCTCCAAAAGCTAATAAAACCCCTGCACTGACAAATAAGGCGAC
CTACCATGACTCTGTTTCCAACACATAAAAAGGATAAAAA

>naRXA02053
ATGTCACCTTCAGTCGTCGAGGCGATTACCAACCGCGCGCCACCCGCAAATACACCGAT
GAAGCTCCTACCCCTGAGCTGATCGACAAAATCGTTGACCTTGCCCTGGAGGCACCCAGT
GCGTTCAATGCGCAGCAACGTGAAATTGTTGTGATTACTGATCCCGCACAGAAGCAGAAG
CTTTACGAGGCCCTCCCATCAGAAACAATTCCTCACCGCACCTGTAACCTTCATTGCGGTT
GCCCCGCTGGAACGAGCCTGAGGATTTGGAAGAGATTCTTGGTACGGAAGGGCTGAA
CGTGTGCGGGGATTCATCAACGGTCGCAGCATTGAGCAGGCACGGAAGCAACGTTGAGG
GATGCCAGCCTCGCGCGGCTTTTCTAATTCTGGCTGCCCAGGCGGAGGGTTTGAGTACC
AGCCCGACTACTGTTGGGATGAGGAAAAAGTGAAGGAAGCAATCGGTCTCGGCGGGCGT
GAGGATCGTGCAATCGCCCTTGTTATTGCTACCGGATTCCTTAATGAACAGCCGGAGCAC
CCTGGTCGTTTGCAGAATAGGCGCATCGACAACAGCTAC

>naRXA02053-downstream

TAACTCTGCCAGCTCGCCCGGAC

>naRXA02057-upstream

AAGTCTTTATAGTCTGCACTAGCCTAGAAGGGCCTTATGCCGTGTGAATCACACAGCAT
ACGGCCCTTTTGCTGCCGTGGTTGCCTAAGGTGGAAGGT

>naRXA02057

ATGAAACGAATCTGTGCGGTGCGGATCTCTTCAGTACTTTTGTAAAGTGGCTGCTCCTCC
ACTTCCACAACGCAGCTCGAGGGATTTCGATGGACGCTCAGCGCAGGAGATCATCACAGAA
CTTGATCAAACCCAGTCGAGACAGAGCAACTAACCTCATGGCCTCCATTTCGGGCAGAT
GAGTTAATCTGTGCGGATCAAAGCGGACAGCTCAGCATTGACATGCCCTGCAGATGAGTTC
TATATCTCCGCAGCCCCGTACACCACCACAACCCACGAGTGCTTCTATCACAGCCTCACC
ACATGTACTGGTGAACCTCGCCAACACCCAGTGAAAGTAACGGTGGTGGCAGATAATGGA
GAAACCATCCTCGAAGAGGACACCATCACCTACGATAATGGATTTGTTGGGATGTGGCTC
CCCCGCAACATTGATGCCACACTCACCATCGAACATGACGGCCTGAAATCCACCCAGCCG
ATCTCTACGGGTGATGACGCCCCACGTGCATCACCACGGCTGAACTAGCG

>naRXA02057-downstream

TGAAAATCCTTTAGACAATAAGA

>naRXA02058-upstream

GAAGCGGATTTTAGTCCTTGCGCTTGGTGCCTCGGTAGCGGGATGCTCAACGCTTTCCCA
AGAACCTTCACCACCTGTTCCGTTGGGAAACGTTGATACT

>naRXA02058

GTGCAGATTGTCTCTCCAATGGGGAGATTGAGTCTTTTGTGCTGGGGAAGCTGTATGAG
ACCGCATTAGTGGAACGTGGCAGATCTGCATCAGTTCAGCTGATTGACGGCGACTTGGAT
GAGCAACTATCTATGCTGCGAGATGACAGCACTGATTTGGTGATTGCTTGCTCAGGACAA
TTACTGGAATATTACAACCCAGATTTAGCCTCCGAGTTTGCCGTCGAATACGCTAATCAG
ACAGCCTTTGATAAAACCTCTGGTGAATGGCGCGAAAAAGTCTACGATGCTCTCCAAGGA
TCGCTGCCGGACTCCATCGTGGCCACCGATCCTTCCAATGCTATTGGTTGTAAGGACGAT
ACGTCGCTGCCTCAAAACATCGTGCCAATTTATAGAAAGCCCAATCTGGATAGGGACAAT
CGGGACACCCCTGAACCTTTGTGAGCGGTTCTTTGGGTACAAGCGATTTGGAAGCATTGGTC
AAGGACGCCCAACAACAGGCACAACCTCTGAAACTGCGCTGGATTTCTTATTGTCTAA
GGATTTTCACGC

>naRXA02058-downstream

TAGTTCAGCCGTGGTGATGCACG

>naRXA02059-upstream

TCGGGAAATTCCACTCATGAACGCCTAGTCTACGGGAACCATTTACCAGCGTGACGTT
GTAAATGTGAACGAAAAAGTGAAAAGGAAGATGATAAAG

>naRXA02059

ATGACTCAACCACGGCCCGATGCCGCATCTGTGTCGCTGGAAAAGAAGCGCCAGAAAGGA
TGGCCAGTGGGAAGCTTTGAAACATACCCAGAAGCCCAAGCAGCAGTGGATTGCTCAGT
GATAATGCATTCCCCGTACCGAATTGACCATTTGTTGGTGTGGACCTGATTGAAGTGGAA
CGCGTTACAGGTCTGCTCAGTGGGGTCTGTGATTGCCGGAGGAATGGCATCTGGCGCA
TGGTTGGGTCTGTTCTTTGGCATTGTCTGTCGCTTGATGTCTGGATTCTGGTTCTCTTCC
ATCGCAGCGGGAATAGGTATGGGTTTGGTGTGTTGGCATTGTGCGTGCAGCAGTTCCTTAT
GCTGCTTCCAAAGGCAAGCGGGACTTTACCTCTCAACTCAAATTGTGGCGGGGCGCTAT
GATGTGATTTGTTCCTCAGAACGTGCTCGGGAAGCTCGAGACATGATTGCCCTGAAACT
CGAGATCTCCGCCAA

>naRXA02059-downstream

TAAGTTAACTAACGCCTATGAA

>naRXA02066-upstream
GGAACCTTATCACAGGCGACATCCGTTTTGAGTAGTAGGTATCTTGGATAAGAAGTTACCC
ACATCCTTGAAAGTCGAGACACAGGAGGTCATCGGAAGAT

>naRXA02066
ATGTTCAATTCCGACACCACCGCAATCTCCAAGCTAAAAGTCGAGATCGTGCAGGATCT
AAAGCAAAGCGCAGCAGGCCAAGTTTTGATTCAGTAGCGCGGGATGTTTGGATGTTTGA
ACAAAAACAGCACAAAGTTAAAAACAAGGCTAAAGAGTTTTCTCTGTTGATCACCTTTCA
GCAGACGCCGAGCCATGTTTGTAGACAATGAAGTGTCCCGTGGCGCCATGCATCGCGCC
AGGCTGCACATTGTGCACTGCGCTGAATGTAGGGAAGAGATTAACCGTCAGCGGGAAACC
GTTGATTATCTCCGCTCAGAGTGCAAAACGAAGAAGTGTCCGCCCCAATGGACCTCAAA
GCACGGCTTGCCAGCCTCGCCACTGAGTGCATGCCTGGCCCTGGCGCAGAGAATTTAGCA
ATGCAGCGCCAGAGTCTTTTGTGGCTAAAGTTGAGTCCGTAGTGCAGCAGTTCGTAA
AACCAAGGCCGC

>naRXA02066-downstream
TAATTTTTAATCCTTATTTACAT

>naRXA02067-upstream
TAAAGTTGAGTCCGTAGTGCAGCGCAGTTCGTAAGAACCAAGGCCGCTAATTTTTAATCCT
TATTTACATTTTCTGAAAGACCGGTCTGATGTTTTCTAGC

>naRXA02067
GTGGGTTGGGGAGAGATCTTCCTCTTAGTCGTTGTGGGCCTTGTGTGTCATCGGCCCGGAA
CGGTTGCCTCGTTTGATCCAGGACGCACGCGCTGCGCTGCTCGCTGCACGTACCGCTATC
GACAATGCAAAGCAGTCGTTGGACAGTGATTTTGGTTCGGAATTTGATGAAATCCGAAAG
CCACTAACCAGGTTGCACAGTACAGCCGGATGAGCCCCAAGACGGCCATCACTAAGGCG
TTATTTGATAATGATTCCTCGTTCTGATGACTTTGATCCAAAGAAGATCATGGCCGAA
GGAACAGAAGGCGAAGCTCAGCGCAACAAGCAGGACGCTGACAACAATGCGAATGTGGTG
GAACGTCCAGCTGATGGTTCCACCGCACGCCCCAACGCAAAACGATCCAAAGACGGCCCC
AATTACTCAGGTGGCGTCTCTTGGACCGATATTATT

>naRXA02067-downstream
TAGCTTTTATTTAACGCCAAGCC

>naRXA02069-upstream
CGCCATCTGCTTGGTGCCGTAGCTGTGATGACTTGCTCGACCACATGCTGCCAGAAGAC
TGGCGCGACGCCGGAATCCGACCAGGAAAGGAGCACACCC

>naRXA02069
ATGGCTGATTTCAACCGCTCTGAATTAGACAGCCCACTTTTTGGATCCCGCAAACGATTT
AAATTGACGATGACACCATTGGTGCTACGCCGAAAAAGTAGCCCGGTTCTTTGGCAGC
GGACAGTACCTGTTTTGGCAAACCATTTTCGTGGTGGTGTGGATTTTCTCAACATCGGT
GGTTGGGCCTGGAGTTGGGACCCCTACCCCTTTCATCCTGCTCAACCTGGCATCTCCACG
CAGGCTGCTTATGCTGCTCCGCTGATCCTGTTGGCGCAAAACCGTCAAGAAGACCGCGAT
AAGCACACCATTTTGGCGGATCGTCGGCGTGCTGAAGAGACAAAAGCCGATACTGAATTC
CTCGCACGGAACTCGCAGGCGTTTCGCTTAGCCTTGGGAGATACTGTACACGTGACTAT
TTGCGCCATGAGTTAGAAGATCTCCGCGGACTTCTTGACCGCATTGAAGCCAAGCTCGAC
GACGAGGCAGCGTCCCGTATTGCAGACCGCCACGAACAGCACGGATCAGGACCTCAAGAT
TTGTCTGACCCCACTCAGGGTGATGTTGCAGACGAATTT

>naRXA02069-downstream
TAGGGAGTATCAAAACTTGGGAC

>naRXA02070-upstream
AGCACGGATCAGGACCTCAAGATTTGTCTGACCCCACTCAGGGTGATGTTGCAGACGAAT
TTTAGGGAGTATCAAAACTTGGGACTACTATCGATACGTG

>naRXA02070

ATGACTCAAGTAACCGAATCCGCTGTCCGCGAGCGGCTATCCCGCGTAGAGGATCCAGAG
ATCGGTAAGCCCATCACAGAGCTCGGCATGGTCAAATCAGTGTCCATCGACGGCTCTGAT
GTCCAGGTGGAGGTCTACCTGACGATCGCGGCTTGCCCGATGAAAACCACTTGTCCACC
AACACTGAAGCAGCTCTCAAAGACATCGACGGGGTTGGCCAAGTTCATGTCACCACCGAT
GTCATGAGTGATGAACAGCGCCGTGCGCTCCGCGTCTCCCTGCGCGGTGAAACTTCTGAG
CGAGTGATTCATTCGETEAGEETGGTTECACTACCCGCGTTTACGCTGTTGCTTCCGGC
AAAGGTGGCGTAGGAAAATCCTCCATGACGGTGAACCTGGCTGCAGCCCTAGCCAAGCGC
GGGCTGTCTGTGGGAATTTTGGATGCCGATATTTACGGACACTCAGTGCCCGAATGCTC
GGCTCGGACCAACGCCCACACCAGGTCGATGACATGATCATGCCTCCCCAGCGCACGGC
GTGAAGATGATATCCATTGCTCACTTACCAGGAAGGAAATGCTCCTGTGGTGTGGCGTGGA
CCAATGCTGCACCGTGCCATCCAGCAATTCCTCACTGACGTGTTCTGGGGCGACCTGGAT
ATTTTGTCTGTGGATCTTCTCCAGGAAGTGGTGACATCGCCATCACCGTTGCCCAATTG
ATCCCGAATGTGAGTTGCTCATTGTGACCACTCCTCAGGCTGCCGACGTGAGGTTGCC
GAGCAGCAGGAACGATCTCTGTGACAGCAACAGAGGTTGCTGGCGTGATTGAAAAC
ATGTCTGCCATGGTGCTTCTGATGGCACCACCATGGATGTTTTCGGCACCGCGCGCGGT
CAAAAGATTGCTGATCGTCTTACCGCTGTGACAGGTGAAGAGGTCAAGGTTATCGGATCT
GTTCCATTGGATCCGAACCTGCGTATCGGTGGCGATGTGGGAAATCCTATTGCGATTTCT
GAACCACACTCCCCAACCGCTGCAGCGATCAATGAGATCGCTGAACACCTAGCTCACCGC
AAGGTATCGCCCACCAAA

>naRXA02070-downstream
TGACCCAGAACCACACCGCAAAC

>naRXA02071-upstream

CATGGATTCCCATTTGGAGCCTTATTTACACAGGCCACCTGGCTTGTTCACCGCGAT
GTGCCACAATAACGCCATAACAGAAAGGCATACTGACACA

>naRXA02071

ATGTCCAACCTCCCCACCGACGTTTCAACGAGCGCACCTCGAATTATGATCGCGCCAGAT
TCCTACAAAGGAACCGCTACCGCATCAGAAGCTGCGCAATACTTAGGCGAAGGCGTGTG
GAAATTTTGCCCAACGCCTCCATTACGTTGGCAGCCATGGCCGACGGTGGCGAAGGAACA
TCCTCAGTTTTCGGCGGGCAGGTCATAACATTACCCACGACAAATGCCGCGGGACGCCTC
ACCGAAGCCAGCTACACCTTAGATTCCGAAACAAACACTGCCTACATTGACATCGCCGA
GCCTCCGGTTTGCCCGCGTTGACAGACGATCTAGTCCCCACCACCGCGATACCTACGGC
ACCGGCGTTTTGATCGCAGACGCGGTACCCGTGGCGCAACTCGCATTTAGGCCTT
GGCGGATCAGCCACAACCTGACGCCGGCTCAGGA

>naRXA02076-upstream

TAGTTTCCAAGAAACCATTTAGGCTTTTTTACCTTTCCGTCTAGCGATCCTCATCTGATG
TATGTAGTCACGATGAGGTACGAGTAGGATCTTCTGGTC

>naRXA02076

ATGAAATCTCCATTTATTTTGTGTCGCCGCACTCCTTCGTGGAAGTGCCCTCCGGAA
CACCTCACCAATCAGGTCCAAGCCGACCCGCATTGGTCCGGAAATGATCGCGATCCCC
GAGGGCGGAAAAGTTATCGTAGAAGCCAGATCATTCCTCGGTGGAGGCTGGCCGTC
GAAGCAGATATCGAAGCGCAGCTTCTGGGACAGTGCTCCCGCTGCCTCCGCGAACTCACC
CCAACCAAGACGCTGCAGCTCTGAGGTTTTTGTGCGCGATCCAGACTTTGTTACTGGT
GAAGATGCAGCAGATGACGAAGATGAGCTGCCAATGGTTAACCAAGACCAGATTGATCTG
CTTCAGTCTGTCTTGTGATGAAGCTGGTCTGACCTTGCCGTTTAAACCCTGTCTGCGAAGAA
CTTGGGTACGGCGCATGCCAGGATGATGAAACGCCAGCTCCTGACGGTGTCTCTGAAGAA
GTAGAAGACGAGGAAAAGGTGATCCGCGCTGGGCTGGTTTGGAGAAGTTCCTG

>naRXA02076-downstream
TGAGCAGGAAAAAGAATCGCCTC

>naRXA02080-upstream

CGTAAATTCGAAGCGAGCTTCTAATTCTAGCAAGCTTGGTGATGGAGTATCCTGCCAAAA

TTTGTCTGTTGCTTATTGTGCAGGAATTCGGAGGCGGAC

>naRXA02080

ATGTCAATCGAGTGGTTACAAATTGTTGAATTAGGAGCGATCTTTGGTGCAGGTTTCCTC
GCAGGAAGCATCAATTGTAATTGTTCGGAGCAGGAACATTAGTGTCTGTTTCTATTCTCGTG
TTCCTGGGCCTTCCACCGTTGACTGCCACCATCGCCAACACCATCGGCATCGTTCTCTGGA
AGTATTTTCGGGTGTGGTTGCTTATAGACGTGAACTACACGCCCATGTAAAAACCATCAGA
TTTCTGCTGCCAGCATCAATCCTCGGAGGGATCACCGGCGCCTCGCTCTTGCTGCATTTT
TCCGCAGATGTTTTTACAGCAGTAATTCCCTGGCTGATTGGATTTCGGCAGCTGTGGTT
ATCGCAGGTCCATCAATTAAGAAGCATGTTGGCGCTCATACTTCAGGTGGCATCTCTGCT
GGGTTTAGGCAATTGCCCTTTCCCGAGCCGAACACCTTCATCGTCTCAGTATGTGGTGCC
CTGTTGCTGGGCATGTATGGAGGGTACTTCAGCGCAGCTCAAGGCATTCTTCTCATCGCA
TTGCTTGGCATCACATCAACGCTGCAGATGCAGGAACCTCAACGCCATCAAAAACCTCACA
GTGGCGGCAGTTAATCTCATCGCAGCCAGTGTGTTTATAATCATCTCCCTGAGTTGATC
TCCTGGCCGACCGTTGCCCTAATCGCGCTTGGCTCAGCTTTAGGTGGATACATCGGCGGA
CGGTACGCCCGCCGACTTCGCCCCAGTGTGTTTATAGAGCATTGTGGTTCATCGTCGGAATC
ACCACGGTCATCGTTATGACGATCGGT

>naRXA02080-downstream

TAATGCAGCAGACTAGTAACCCC

>naRXA02081-upstream

CCTGGATGATGTCACTGTCTTAAATCCGGTATACGCAGATGATTTGTGGGAAGATCCGGA
AGCTCAACATAATTTTGCGGTGCCACCGGTACAAAAACAT

>naRXA02081

ATGACGTTAAGTGGCTTGGAGCTTTTAGAGTTCGAGCGTCGAACAGCTGCGATGGAAACC
AGGCTTGGTCGGCATAATCGGGGAGCGGGTGGCGCATTTCTTGAGGCGGTGGTGTCTCGA
AGCGTGGAGTTGCCACTTTTTGTACAGGCCCGGAATTTCTCAACAATCAGCAGATCAGA
GCTCAAGTGCATCGCCGTATTTTGGAGCAGCTTCCAACCGAGGGAGAGATTGTGCTGTTG
GGGCACAGTTTGGGGTCGGTAATTGCTGCAGACCTTTTGAGGCGATTGCCGCCAGAGCTT
ACGGTGAAGGGATTGTCAACCATCGGTAGTCCGTTGGCAAATGGTCAATTCAATGTGGAT
GATTTGTTTAAAGTTGCTGCGCACGCCGTTGAGCAATGTGTCGTGGTGGGTGAATTTTGG
AGTGGATCTGATCCTGTTGCAGCAAAACGCGGAGTGTGGTGGCTGTTCCGTGGGTATTG
GATTTTCGTGTGAAAACCTCACTGGTCCCAGGCCCTGGGCATTCTTCGCGGGAATACTGT
GCCAATGATGCAGTGGCGGAAGCAATTGGGTTTGGGCTGTTTCGGATCGCGCAGCAAAGAA
ATCGTCCTTGCGGAGAAAAATCTGCAGATTCCGCTCAATGACGCGGAGATTTTGTGCTG
CAGGCGCTGCGTTATTGTTACCTCATTTTGCAACGGCTCAAAGGCGATGAAGCCTTAAGG
TATGAGTACGCACTTCGGGAGACTCAGGATCGCCTGATTGAGGAGATTAATCCAGAAAC
GCCGAAGAGGGCCGCGCATTCGGAAGGAAATCGCACGCCTGGATTTTGATAACGGTGAT
CCAAACGCAGCAGCTCCTGTTCCAGGTTTGAGCCCATTTATGCCCAAAGAGCAGGCAATT
GAGCGGCTTTTAGAGATCATTGGACAGAACCTGCTGCTGCCTTTTGAATCGAGGTGCCG
GAGAAAATTCAGCGGAAGCACTGAGGGATTTACAGGCGGAACTCAATTGGGTTCACC
GTGGGCGCTGATATTTTGTATGCATTGCAATGGCTGTTGGGGTGGTGTGCGGAAGCGCG
AAGAGCAATTGGCGCAAATGGGGAGCGTTTGGTGTGGGGCTGCAGCTTTGACCGCTGCA
ACGGGTGGTTTGGCTTTGGCGGCTGTGCCGACTGTTGCTGGAGTAGCCACTGTTGCCTCG
ACACTCGCAGCATTTGGTCCAGGTGGGATGATGGGCGGTTTGGTCACTGCAGGAACACTG
CTCACAGTTGGTGGCGGCAGTTTAACCGCTGGGGTGTGAGCTCGGTGAACACCACGGAA
GAGATCGAAGCGCTCGTTGTACAGAAGCTAAGTTTGGCTATTTTGTGGCAGCGCCATGAG
ATAGATAGAACTCATGAGGTGTGGGAAGAATTCGCGGAGGCAGAACGTCTGATTGTGCGG
GAGCACACGCGTGTGAAAAACGTGTGCGATAGTTCTTCGCCCATTTTGAAAGCTTTCGAG
CAGCAGCGTTCGACTATTGAGCGGGCGTTGAAGTATTTGAGCGATCATGGGATGGAACCT
GGCTGGTTTGAAGAACTGGAACCACAGCCCCAACACCGTTTCTAAACTGCGGGCTAAG
AAAACCTGAT

>naRXA02081-downstream

TAGGAGAAACACAATGGAGAAAG

>naRXA02084-upstream

CGTTGATGGTTGGGTGGTGGGTCACAGTTTAGAAAAAGTGAAGTCAATCACGTCGAAAA
GAAATTGAAAGTACTTAAGAAACATGTCACGCTAGGAGAC

>naRXA02084

GTGATAATCATTGCAAGCGTTGTTTTCTCTCGTTGGCGCAATGTTGGCGAATGCTGCC
GCTGCGCTCTTTAGTGCCAGCGAGCCATTTCGACGAATTTCTACCTCATTGGCCTACCT
AACGAAGACGACTTCGTGEEGTACTEACTAEGGTTTCGTGGCCTTTTTCCCACTGATGCTC
TCCGCATCGATGGCAGCATCCTTCTTCGGGGTGTGGGCAGTACTAATCATTCTTTTCGGT
TACTTCCCATCACTGATGATGGTTTCATAAGCACACAAGCAGGTACAGCGAACCTGGGAT
TCCGTCACCGTTGCTGACTTCTACGAGGATTCCACCCCTCTGGTC

>naRXA02084-downstream
TAATTTTCGATTCTAAATGTCAT

>naRXA02089-upstream

CTAGCTGACCAGTATTAATACCAATAATAGAACATATTATCGAACAATGTCGCTTGGGTG
CTCTACACTTCCCACTATGATCAAACACCGAAACCGCCTA

>naRXA02089

ATGTCTTCCATCTACTCCGCAACTCGCTACGCCGCCCACTTCAAAGCGTCTTCCCCACC
GCCCTGGATGACATTCAATCCATGATGCGCCACCTTCGATCACTGGCCAGAGCCATACCC
ACGTGGCGCCCGCGAGCATCCCGCTACCGTCACTTCCCGGCGAAGATCCCTCACCTC
ACCTTGTCACGTACCGCGCAGGCCCGCGCCGCGCCAAATCATCCGCGAGTTCGGTGAG
CAACGTGAACCCGCTATCTCATCACCATCCGCATCACCAGCCAGAGGGCTTCAAAGTA
TCCACCCGCTCGCCGAAGGCTGGATCCGCGCAATTCTCAGCACCGCGCACAGCGGCACT
GTCCACCAGCTCACCAGTATGAGCCGGCACCGACGTTTTGCTGGCTTGTGACGCCCACTTT
GATCCGGTGCCTTCCCTTCTCTTTTCGAATATTCCAAAAGTGCAGCC

>naRXA02089-downstream
TAGAAAATGACGAAACCTGGAT

>naRXA02090-upstream

AGGTGAAAGGCTAGGCGCGGATTCTGTTGTGGACGCTAGGCTTGTGCGCAGTGTCTTTGGG
GGACGTCCCCAGCACAAACCAGATGGAAGGTCATCAGAAC

>naRXA02090

ATGAGCTTTTTTGAGGACATCGCGGCTGGACTTGATAGTGACGGTATCGAGTCCCGCGTA
AACGGCGACACAATGTTCTGTTCCGATCACCTCTGACTTGGAATCCAGTTTCGTGGAGATC
GATTCCCTCTTACCTGCAGCAAACGTTTATATCGCTGCAGCCAATGTTGATGAAGACGAT
GATGATTTCGAGGAGTTCTCGTTTCGGTGGTGTCTCTGTTGAGGATGCTGTCGCTGCT
GTCGCAAAGCATGTTGCTACTGATCAGGTGGTACTGTGCTGCGTGATCTACTTGAAGGA
ACTGATGAACGCATCCAGGATTTGGAGTTTTCCAGGATGCAGTGAATGCAAATTTGGTT
CGTGCGGAAGTCGGCCAGAATTCTGAGCTTCAGTTTTGGTTCGAGGTTGAAGACGGCGTC
CCAACCGCAACGGTCAATTTATCGCGATCGGTGAGTCTTTGAAGATCTGATTGATCAG
GCCATTGAAGAATTGTGGGAATCCGACGGCGACGAGTTCTATCGGATGAAGATCGCCAA
CGCATGTTCTGCTGATTTGACCTCCGAGTTGGAATTTGTCACTGATGAAGTCTCGACTTG
GGTACCTTCACTGATTTTGATCGACTTTTCGATATCCTTTCCCTCGCCGATGACCAGGCT
GAGGATTGGGAAGCACAGCTCGTTCTTTTGGAGACGAGGAATTTGATGAGCCGGATGTT
TATGACCTTTTCGTCGATGACTCTGAAGAAGATGACGACGACCTCGATGATGACGAGGAC
GATGAGGATGATGACGAAGAC

>naRXA02090-downstream
TAGATTTTAGCCTTTGTCGCGGT

>naRXA02091-upstream

AGATCTAGCCAACGAACTTGATTTTCATCGAGCCGGAAGAGACAGAAGAAGAGCAGCAATT
GAAGTGGCTTAGCCTTATGCAGTTTTTTGGAAGTAGATAA

>naRXA02091

ATGAGCATCTGGAAACGTCTGTAGTGCAGTACCCGCGCTTCGCCGACACCCTCACAGCC
GGCCAACCCATCACGCTCGAGGAATTAGCAACCCCGGAAGTGATCTTGGAACTGTTGCC
AAAGGCCAAGAAATTTTCGGCATTGAGCAGCCAAAACATGCAGCACAACTCTGGTTTCAC
TCCCTGTGCACCGCAATTGTGCGCCCCGCGTCACCGCCATGGTGGAATTGCATGTCATC
CCCAGCCTCGACATACGTGAGGTGAGTGCATAACATCGACGGTTACTGGTTCGGCTTC
AGGCEGGAGGAGATGCTTGTGACGCGCTCCCTCCACCTGTGCGGCACCCAATTGCGCGAG
AGTATCCGCGTGGTGATTGATGCATTATGCGCTGCCACGGATCTGCGACCGGCACCCCTG
TGGGCGGTTGCCTCAGATGCGTTGGGAATCGCAGCTAGCGGCGCAGGTGTCGAGGCCTTT
GAAGAAGAACATGCCCCGAGGTGGCGGAAGCCCTCATTGAAGGAATGAATAGTGTGAAC
TCAGTTCCATCGCCGCGGTTTAAACGACGACGATTATTTTCATTGAGCTGGATGCTGCATG
ATTTTCCACTACCCACGAGCTGATTTTTGCACGTCGTGCCACAGAAGAGG

>naRXA02091-downstream

TGAAAGGCTAGGCGCGGATTTCGT

>naRXA02094-upstream

TTCCACCTCTACACCGAGTTCTTCCAACCAACGACCAGATCATTGCTGCGGAGGAGTTC
TCCAAGTAAATTTCTCTCCCCTATTTTTAGGAGGCACCAC

>naRXA02094

ATGGCTGAACACAACGCCATCATCACGGATGCAGTACATTCCGACCCCGCTGTTTTAGAA
GACAACGCCGGTTTCAGCGGAAAGTACCTAATCCGTGCCCTGGACAAGGCAGCTCATATG
CAACACAGGTGCCATCGAGGGATACATTTCTTGGCTTCGGAAGCACAACTCTGAGAAAACA
CCGGCGCAGCTGCAGGTACTCGTCGACAAGCATTTTATGCGCCTTGCCACCGGCTCTGGC
GCTGGTGTGGGCATGGCTGCGGCCGTGCCAGGCATTGGCTTTGTACGGGTGCTCTTGCC
GTTGGTGTGAATCGTTGGTGTTTTTGGATGCTGCTGCGTTTTACACCATGGCATCCGCG
CACCTGCGTGGCATCGACATCCGCCATCCTGAACGCCGACGTGGTTTGATTTTGGTGGTT
CTGCTGGGCACCGCAGGCAAAGCCATTGTTGACGCAGGCGTCGGTGATTTATCCAAGAAA
AACCACGCGCCGGGCATTGCGATTTCCCGGTTAATATCGGTGGCTTGATGGAAGTCAAC
GGCCGACTGATGCGCTACGCAGTGAAGGAAGTAAGCAAGCGTTTCCGTTCCGCATTGATT
GGCAAAATTTCTCCGTTTGGTATCGGTGCGGTGCTGGGCACGATGGCCAACCGCAAAAT
GCCAAGAGGACTGTGCGAAACGCATACGACTCTCTTGGTCTCTCCCCACCCATTTT

>naRXA02094-downstream

TAAGTACTCAAGACCCCTTCCAAC

>naRXA02097-upstream

TTGGCTACAGATGTTTCAGCGCTTGCAGTGGGGTAGTGTGTTTAAACATCACAATTAGTT
CTAGAGGAAAACGCATTTTTTTCGCGGGGAGAGTGTATAC

>naRXA02097

ATGCCGGCTGGCATCGCAGACATGACAGATTCATTGCTCGGATGGGCATCACAACTGAG
CTGGATCTGAACAGCGTCTTGCAGGGGTAGAGTACTTTCCACAAATTCAGCTGCGACAC
GATGAGCTCGAGCGCATTATCGGTTTTACGGCACCTTTTTGTCCCGCCAGGTAGGCGCG
GGCGCAAGCCTTGGGGATCTTTTTGAAATGACCCCATGCCTGACAGTCACCACCTTGGTG
TCTCGGGCGTCACGGATCAGCGATCCAGCAGATTTCTTCGGTGAATACATCGGAGGACTG
GGACTTAGCGCAGAACACGCAGCAGTTGTTGAAGGGTTGACCGAAAAGCTCTTCGCACAG
GCTGGCCTGCTCGTTCCTGAGGGAATTGCATCTCCATTGGAGTTGTTATCCATCCACGCA
GGCATTAGTAACCACGAAGTGGCCGAGTGCTGACCGAAGTGGAACGCGCACCACCGAA
TATCCATTATGTTGACGCTGTCTGCGCCTAACCCCTGAGTGGGCACAGACCCCTATC
GGCGGAGTTCAAGAACTCATTGAATTTGCCACCACCCACCGAACTTCTTGGTCAGACCGC
CAGCGCGAATCCTCACTGCCAGCCATGATCGATGAGATCGTTGTGGCGGAACTTCGGGAA
CGCCAGTTGGTACTGCCGACCGTGAAAACCTCCGTTGGTGTGGCACTTCGTGAGCTTCGC
CCACGCCTCATCTGGATGCAGAACGCCGCAAAGTCTGCCTGCGTCTACCTGAACAGCGC
GTCAGCGACGATGAAATCAACTGGCGAGTCAGCCTAGAAGGCACCACCCGGATTTTCTCC
ACCCGCCGAGCATGGGGCGATACTTCTGGATACTCCGAAGCCCTCGACATCACTGTGAG
CGTCAAATCCGCGAAACACCGTCACCGACACCTCAAACCAATCACCTGGGTGTCCCA
GTCGTGGACTTCAACGACCCAGTGTGGTGTTCGCGCGCGGTGAAAACCTCACCGAC

AAGGTCTCCCTGCACCATCAAGAGATTTACGTTCTCGCGCCAGCGGAAGCAAACTCGAA
 GACATGGTCACTGGCCAGCCAGTACCAGTTATTGAGCAATTCCTCGTAGAGGGCTGGAAC
 TCATGGGTGTGCTCCCGCGTGGACGCCCCTGGCCTGTCTCTCTGAAGGTCAACAAAGAA
 GTCCGATGCATTGACCCACGTGACGCGTTGCCCTTCCACCACCCAGCCGAATTGGTCCCT
 CACGTACGATCCATTTCCGGACTCCCCGTACACGCGCAGTCCCTGATCGCCGAGTTCCCA
 CCAACCCTGAGCGGACAAGACGAAACCTGGATGCTCTCCATCTCGGCTTTTCGCAGGTGTA
 GGCGCTGCTGGTGAAGAAATEGEEGAGCEAGAGCCTTTGGAAGTCCCTGCCGACGGTGGC
 CTTTTCGCCATCTTCGACCCAGAAATATACGACGCCCCATGGGTGGGTGAATACCTGGTC
 CGACTCCGCGGCCACGCAATGAATCCTTCCGACCCGAATTTCGCCATCGTCGAAGACATG
 ACCACCGAATTTCGAAGTCGCCTCAGGTGCATCATTTGGAATCCCAACCACCACTGGTCTC
 AGCGAAGCCAGCTACGCGTGCCTTCCGGTGAAAAGCACTTCACCGCAGAGCCACGCCTG
 GTCACCGTTGAAGCAACCGACCCCAACGCATCATTCGTGGTACCACCGATGAAGGCGAT
 CAAATGCCATTGCGATTTGTGCCACCACAAATCGCCATCGAATTCCACTGACCACCGAG
 CCACCAACCTGGCGCGTCAACCGTACTGTCTGTGGACCACGCGACCTCGACGGTGCAGGC
 GAATCCGCACTCCGACCCGGTGTGATGTGCGCGATCCAAAGGTGAGTGTGCGCAACCAC
 CACGGTTCAACCATGCGAACCCTGAAAATGGTCAACCGGCTGACACCGGCTACCTGGATT
 GCCAGCATGAAGGAAATCGCAGCCAGTACCTTTGTGATGCCACGCGGATCCATCGAATTT
 GAGTGGACTGACCGCAAGGTTGACCGTTCGCGTTTCCGTGACGATTGCTGTCATTGACAAA
 ACTGAGAACTTTACTGGCATCACCATCGAAGATGGAAGCTCGTATTTCGAAGAACTCGCA
 GCCGGTTCGCCAATCGCTGCATGGGTGTGGCCACAAACCGCACCGTGGGTAAGCGCAGTG
 GAACTTGCTGTACCCGGACAGAGCTGGAATCCCTGAAGTTCTCGTCGGCGCAGGCAAC
 CTGATTGTTCAACTCCACACCGCTGACCCATTCACTACCTCCGTGACCCCACTGTACCA
 GGAAAAGCTGCGGTACCCGTTGAGCAAGAAGGCTACTACTCAGCACAAACCGAAGAATAT
 GCACAGCTTTTCAGCATTTCTCGGTGGGGAAGTAGAAGAACCACCAATCAGTGACGCTGTG
 GTCCCCGCACTTTGGGATGTTTCCCATATCTGGACCGAAGGGAACACCGAGCATCTT
 CCAGTAGTCCATGCCGCCCTGCGCTCCTCACCAGCCGACGACTGAAGGGTCTGTCCGCT
 TCGCTGTTTCCCGCACAGGCACTACCTGGAAGTCAATTTCTCCGACTGGCAGCCTCA
 CCGTTTACCACGGAATCACCAGCAACAGAAGTGCACCGCACCGCATGGATCGGAACCCCTG
 CAACTCCTGGGTGCACTGCCAAGCGCATTCAGGAAGCCGAAGAGCTTGGCAACCGCACA
 CCACTGCTGCCAATCCTCGGACAACCTTGAGGAAGTCGCCGGCAAGAACATCCTGTCCACC
 CTTGCAACTGGCCGTGACTCCACTTTGGACACCGCATGCATCGACCAATCCACCGTTGCG
 ATTGCCGGCATGAACGAAACCCAGCAAAAAGCCCTGCTGGACATGTTCTTCAGCAACGCC
 GACATCGTTCTTGACCACTAATGGAAGACAACACCCGCTCATGGCAGTGTTCGAAACC
 TTCAAGAAGCGCGATGCACTCCGTGAGGTTCTCCAGACTGAAGGCTTGATTAAGACCGCT
 GTAGAATTTCTTCGTGCCATGCGTGGAACCCAGCGTCAGCTGTATTCTCCGCACGTATT
 CGATTGACAAGCTCGATGGTGTCAACACTGACAACCCAGAAAACATGTGGGCACTCACC
 CCAGTTGTGTCACTGGTGTTCGCGTTGTTCATCCCGTTTGCATGCACACGAATTGATCGGC
 AAGACCCGAATCTCGATCGTGCATCTGCCGTTTGGGGTGAATCGCTGATCTGGTGCCA
 GACCTTGTACCCGGTGACTTGATCTCCGCGGAGGCAATGGTTTTGGGAGCTCGAAACCCA
 GGACTCGTCGAT

>naRXA02097-downstream
 TAGTCCCTGATTTTCATCGGAGGG

>naRXA02102-upstream
 CGGTAAACGTCCCGCTAGTGCGATGGAATCTGTGTGGGGGACTAAACATCAAACCTGAA
 TCTTCGGCATAACACCACAGTAGACAATAGCCTTGGTGT

>naRXA02102
 ATGACTAGCCCCATTTCTTTTCTGTACCCCCATTTCGACCATGGCTGACGGCACGATC
 AAACAGATTACCCCTTTCACAGGCACCGAAGTGTGGACGGTCCCTGGGCGTGGAAATCGA
 CCTCTGTACATCCCGCTTCTACGATCGTCAACTATCTGCACACGATCACACCTCTTAC
 TGTGCATTTTGTTCGACAATATGCTCTCCACTCCGCTGAGAAATCGCGCATCATCATT
 GATAGCTCCGGCGACTTTGACATCCTTCCCGGAGCATTGCCTGGTGAGCTTTTCAGAAACC
 ACTCCGGAATTTTCGACGAGTCCCCAATCTGTTTGAGATTGTCTCTTTTACTACTGGCAC
 CAGAATTTTGGTTTCGATATGGATTTCAGAAACCGCCATGCGCATGGCGCAATACTTGGCG
 ATTCCAGAAGTTCGGAACATGTTTTAGCCATTGTGCGCACCCGACTTTCTGCCGCTGGT
 GAAGATCCCGCGCACATGACCGATGGCGAGTTGTTAGAAAAAGCTCCCAGCTACTTTGCT
 GGTGGTCATGACGTCATCATCGGACCGACACTTTGTGATGACGCAACCACCAAGTAT
 CAATTGGCCTCATCTGGAACACTGACCGTTAAGAGCATGAGGCGTTTCATCCGCTGACT

GTTCGATGGCATCAGGGATTTGTACCACCGCAACCGTTACGCACCGTATGTAGTGGCGTTT
 CAAAACCTGGTTGAAACCCGCCGGCGCTCTTTGACCATCTTCATAAACAGCTCGTCGCC
 ATTGATGAACGCGGCCGACTTATTGCCGATGAACTGCATCATCTACGTGGCAATCCCAAT
 ATGTACAACGAACTTGCTGTTGATTACGCCGGATACCACAACCTGATCATCGCGGAAAAC
 GATCACGCCGTGGCCTTCGCAGGTTTCGGTCACCGCTACCCACCATTGAGATTTACTCT
 AAGTCCGCTATTCTGAACCTGGCTTCAAAGCGACGAGGAAATCCAAGCGATGAGCAAC
 CTCATCCATGCATGCCATGCTGCAAGGGGCGAGATGTACCCTGCAATGAGGGATGGGTA
 CACAAACCAATCGATGTTGATATGCCAATGCCCTGGCATGTGATGATCAAATGGCGTGT
 TCTACCCCTGGCAGGTTTT

>naRXA02102-downstream
 TGAAGGTGGCACCAAGGTGTATC

>naRXA02103-upstream
 GAATCTGTTTGATCGTGCCGTACGCCATGGTGCGAATGGGGGTGACAGAAAAAGAATGGG
 GGCTAGTCATAACACCAAGGCTATTGTCTACTGTGGTGT

>naRXA02103
 ATGCCGAAGATTGAGTTTGTGTTTGTAGTCCCGACACAGATTCCATCGCACTAGCGGGA
 CGTTTTTACCGTAGTCGCCAACCTTTTGATCGAAAAAGGCCTCATGGATCATGGCGTTGTT
 GTCCATGATCCAGCAGCGAAAATCGCAGAAGCTGTGGAAGAGCAGCTTCGCCAGACTTAC
 CGCGACGAGCATGAAGATGCAGACTTGGAGAATCCTCGGTCAACCGTTACCTCATTGAA
 GTTGATGGAGTTAAAGGCTCCGTTAACCAGTGACCATGATTTTTGCCCGTTTGCTCACC
 CCGCCAGCAGAGTTGCCAAAGGACGCTTTCTCCTGGAGCAGGAAGTTGCCATGAAGTT
 CCTGCAGTCTACCCATGGACTGTGGAGATCCTTCGC

>naRXA02103-downstream
 TAGTTTTGAGCTACGTATTCTTG

>naRXA02104
 CACGCTGCGCCCAACTGGAAGTTGATGGCACAAAGCCAGGTATGGGCGCAGCCGGGGGC
 ATTGCAATCGGACTGACGTGGCTGTCCACCTCATGCACGGCAACGACCAACAGATCCAT
 ATCCTCCCCGCGCGCCACTGATTGCCCGCTCCAACGGAATCGAGGATGCGCTGCCAGAA
 ACTGACTTGTGATCACCGGTGAAGGCCGACTAGATTCCCAATCGTTACCCGAAAGGTT
 GTGGGCACCTCCACGTTTAGCTAAAGCCACGATGTGGATCTCGCTGTTGCGCCGGC
 ATCGTGGAAGGCGTATTCCCGATGATTTCTAGCGGTAGAAATGATTAAATCCTCCGAC
 GTTGACGACAAATTACGTGATGCAGGCCGAAGGATCGCTCAAGAATACGTAGCTCAAAAC

>naRXA02104-downstream
 TAGCGAAGGATCTCCACAGTCCA

>naRXA02107-upstream
 AAGAAGTAGAGCTCAGCGATGAAGATTTGCGGCAGGCCACGACCTAGTAAAAACCAAT
 ACGCCACCGAGGAGTGACTAAGCGAGTTCAATAGTTTCT

>naRXA02107
 ATGGATCTGCACAAGGTAGCTGCAGCGCACGCGGCGACTCTTCCCCTGAGCACCAAAGAG
 TTTCTTTTCGGACCCGAGCACGAAGTGACAAAGTGCGGGGCAAGGTATTTTGCTGCTC
 ACGATACTAAATGATGAGCCGATTATCACGCTGAAATCAGACCCGAGATTGGCGCTTCA
 CTACGCAGTGGCTTCCCCACCATCCAGGCTGGATATCACATGAACAAAGTGCACTGGCTG
 AGCATTAGCGATGGTGAACGGATCACGAAAGACTTCATCGAAGGTCTCGTGGAAGAGTCC
 TATGAACTGGTAATTTCCACCTTGCCGAAGTATAAAAGGCCT

>naRXA02107-downstream
 TAACTTGGTTGCTTGGGGTGGC

>naRXA02108-upstream

TTGATCCCGGTACTTTTGGCGCCCCAGATTTAGATGGGCGACCATCCTGATCACCACAA
TCATGCCGATCACGTTGATCCCGAGTTGCTCAAGCCCGGC

>naRXA02108

ATGACGATTTACGCGCCTCGATCAGTAGCACATTCAATTCCAGTAGAATGCCACATCGTG
GAACACGGCCGAAACTTTACCGTTGGGTCCCTATCCGTTGAGGTTCTTGGTTCTGAACAT
GCGATGCTCAECCATTEGATGEEGATEGCGGAAAAACGTTGGATACTTAATCAACGGCCGA
GTGCTCCACCCCGCGATACCTTCCAACCCATTAAAGATGTGCAACTCGCCCTGGTTCTT
GTCAACGGCCCTGGGTGAAAATGCTGGATGTGGAAGGCTATTTGAAGAAATTTCCACCA
AAGCGTTTCATCGGCATTACGATGGCATTGTTAATGATCGCGGTTTGGCGATCAACAAG
AAGTTCTTAACGCATCTTGGTGAAACCTATGGCTCGGAATACTCGCCGCTTGAAGAGGGA
GAGTCGTTGGAAATT

>naRXA02108-downstream
TAGATTCTTGGTTTAGATTCTTG

>naRXA02109-upstream

GACTCTAAGGGAAGTGTTCGCTTCAACCCGTACAGGTCTAATATGTCGGGAGTCTTGTT
TTAAGCTCTTATATAACCTGTATAGGAAAGCGAAACCTC

>naRXA02109

ATGCTTGCACTGCTATTCGGGGTGGTGGCCGGTGCCATCATGCCTTTCCAAACTTCGGTG
AATAATAGATTGCGTCAGTCCGTGGGAGCACCCTGCTGGCGTCTTTTATTTCCCTTTTG
GTAGGAACTTTTTCACTCCTGGTTGCAACGTGGATCACCAAGTGGGCACCCGTATCCTGCT
CTAGGAAATACAACCTGGCCAACCGTGGTGGATTTTACCCGGTGGCATGTTGGGTGTTGTG
CTGCTGACGGGAAACATTTTGTGTTTTCCCGAGTCGGCAGCGTGACAGACCGTTATTTTG
CCCATCTCCGGACAGATCATCATGGGCCTAATTATCGATACAACTGGCCTGGCACATTTCG
CCTCAAGCACCGTTAACCCTGTTCAAGATATTGGGTGCTGCTGCGGTACTTGTGGATCG
CTGGCCGCACTGGGAGTGTTCTCTAAGAAAAACATCGGACAGACCCAATCCCAAGGTGCC
TCCATTTGGTTGTGGCGCCTCTTCGGAGTGGTGATGGGCATGTGCCAAGCAACCCAGGTT
GCAGTCAATGGTTACTTGGGAACGTCTTAGGATCCCCATTGAGTCAGCACTGGTGTCT
TTCGCTGTTGGCACCCGCGCTGTTTATTCTGCTGTTGGTCACCCGAACCAAGTGGCGT
GGAATCAACGGCGCTGGGAAGAAAAACCCATGGTGGATGTGGATCGGTGGCGTCATCGGC
GCGACTGTTATTTTCACTACTGCTTACCTGGGACCGATCATTGGCACTGGTGTACCGTG
GTGGTTATGTTGCTGGGCATGATGTTGGCCAGCCTGATGATCGACGCTTTTGAATCCTT
GGCAGCCCGCGCCGCACATTACATCGCGCAGCTTCTCGGGCTCGTGGTGATCATCCTC
GGCGTAAACATGATCAGAATC

>naRXA02109-downstream
TAAACCAAGAATCTAAACCAAGA

>naRXA02114

TCCATCGGCTACGCCTGGACCACCGCATTTACGCACTCACACCAGGCCTTGGCGGCATC
GCCATTGGTATTTGGCTGCTCGGTGGTGTGCTCGGTGGGTGTTATCCGCAAGCCGGGT
GCCGCAATTTTCGTTGAAGTAGTGGCCGCATGTGTCTCTGCAGCGCTTGCTTCACAGTTT
GGTATCTCCACCATTTACTCCGGCTTGGCGCAGGGAATCGGCGCTGAAATCATCTTCGCG
CTGTTCTCTACCGTCGCTACAGCCTGCCCACCACCATGCTTGCAGGTATGGGCGCAGGT
GGCGGCGCAATTTTCTGGAAATGTTCTTCTACGGAAACCTCGCAAAGACGATGTCCTTC
AACATCATCTATTCCACCACTGTCCTTATTTCCGGTGGCGATCCTTGCCGGCCTGCTCAGC
TGGTACCTGGTCCGCGCTTGGCGAGGACTGGTGCCTTGATCGTTTCCGCGCTGGCCGC
GAGGTA

>naRXA02114-downstream
TAAATGACCACCGCACTTGAAC

>naRXA02117-upstream

TGAACACAACTACCACGTTTATTGCATCATGCAACACCCCTTGCTAGGATATAAAATACT
CTATGAGTCCAGACGTTTTTAAAGGGAGCGAATTACCATA

>naRXA02117

GTGTCTACAGATCCAGAAGAGTTCGACCAAGCTGAAACCCCTCGATCAACTCGCGTATGAG
ATCATCCTGCTCACCCGGTATGGTGTCCAAAACACACCGACCAACAAGCGCGAAGCCATC
ATGGATCGCAGCGCCCTCATCTTGCTCACCCGCTTGACGCTCAAGGACCTATGACAGTT
AATGAGCTAGCTGAAAGCTTTGGACTTAACGTTTCTACCGTGCACCGCCAACTCAAAGCA
GCCATTGCCAATGGCTTAATTGAAGTCGTCGATGATCAAGCATGCGCGGTAAACTTCTAT
CGTCCAAGTGAAGTGGGTAAAGAAAACTGCAGCAGGAGCTTCTTGCCCGCCAGCAGGAT
CTCACCCGCTTCTCATGATTGGGATGAGGAAGACATTAAACGCATGCCAAGCTATTG
CGGAAGCACAAATGAAAGCTTGAAGAATACCTCGATATGAAGTGGCCCCGCCCC

>naRXA02117-downstream

TAAGTGCCCATAAACGCACCTCT

>naRXA02121-upstream

CCGGGAAATCTTCAGGCGTCTCCTCCCATATGCTGCTGACAAATTCCAGAACAGGATCGT
TGGGATACCTTCGAGACAACTTCCGAAAGCTCCGCAACC

>naRXA02121

ATGATCACCTCACCATTTGAGCGCGAGCTGAAGCTGCTCAACGAGGGGGAAGTGGGTATT
GTCCAGCAGTTGGTGAATCAAGCAACATCGGATTCATCGTCGATCTTGAATTAGATGGC
GATTATGGGTGGGCGGTCTACAAACCGGAATTGGGGGAGCAACCCCTGTGGGATTTCCCT
CCTGGCCTGTACAAACGTGAACGTGCAGCCTTTGTGATCAGTGAGTTTTTGGGTGGGAAC
ATCGTGCCCTCCAACGGTGATCATGCACGATGCCCCGGCTGGTGTGGGCTCGGTGCAGTGG
TTTATTGAAAACAATGGCGAACACTATTTCCACTGTTTGACACCCGCGCTGACCTGCAT
CCGCAGTTTGTCCGCATGGCTGTGTTTGATCTGTTGTGCAACAACACTGACCGGAAATCG
GGCCATGTGTTGCTAGACGGCGATCATATTTGGGGCATCGATCACGGGTGTGTTTTTCC
GTCGAACCGAAGCTGCGCACGGTGATTTGGGATTTTCGAGGCTGCACCATTCAGATGAC
TTGGTGACAGATGTTGAGCAGCTTTTGGAGGACGTCCCAGGAAGAACTTCATCAGCTTCTT
CATCCCGCAGAAATGATGCGCTGCAGCGCGGTGCTCAAGAATCAGCAGGTTACCGTTC
CTTCCGCAGGCGAAATCGCATCGTCAATTCCCTTGGCCACTTGTT

>naRXA02121-downstream

TGAGTAGGCTGGCGGGCAGGTGC

>naRXA02123-upstream

GGATTGAGTCTTTTCGGCAGCTGCGTGTGAACCCGGCTTCATGACATGCAGCATACCTGT
GCGAAAAATTCCTGACCGCCCACTTAAAAAAGGTCTAGG

>naRXA02123

GTGTGGGGTGTGAGTCTTCCACCAATGTACAACTGTGCGGTGAGCTGAAGGCCGCCGGC
CACATCTACCGACCTTTGCGCGTAGAAATCCGCGACAACCTCCTAGCCAACTTCGCAGC
GGCGAAGATCCGTGGCCAGGCCTGCACGGCTGAACACACGGTCATCCGGCAGCTTGAA
CGCGCGCTCATCGCCGCCACGACATCGTGCTGCTCGGCGAACGCGGCCAGGGTAAAACC
CGCCTGCTCCGCACGTTAATAACGCTTCTCGACGAGTGGTCCCCGATCATTTCCCGGGCGC
GACGTTCCAGAACACCCCTCTTGCGCCAAACGTAGAGATCTCCGATGATCAGCCATTGAA
TGGGTACACCGGATGCGCGCTATACCGAGAACTTGCCACCCAGATACTTCCGTGGCT
GATCTTATCGGTGATGTTGACCAATGCGTGTGCTGAAGGCCGAGCCTCGGTGATCTA
GAAACCATTCACTACGGTCTGATTCCTCGCGCCAACCGTGGCATCGTGGCGATCAACGAG
CTTCTGACCTCGCTGAACGCATCCAGGTTGCCATGCTCAACGTCATGGAGGAACGTGAT
GTGCAGATTCTGGCTACAACATTCTGTTGGACTTGGATGTGCTGGTTGTTGCCTCAGCC
AACCCTGAGGATTACACCAACCGTGGCCGAATTATCACTCCGCTCAAAGACCGCTTCGGT
GCAGAAATCCGCACCCACTACCCACTTGAGTTGGACGATGAAGTGGCAATTATCCGCCAG
GAAGCAGAGCTTGTGCGCAAGTCCCTGATATCTTGGTTGAAATTCTTGCCCGCTACACC
CGAGCGCTTCGTGAATCCTCATCGGTGAATCAGCGTTCTGGTGTGCTGCTCGTTCTCC
ATTGCAGGTGCAGAACTGTGGCCGCGAGCAGCTTTCGACGCGCAGCAGTGTTCGGCGAA
GATGAGGCCGTTGCCCGCTGGTTGATTTGGAAGCAGCCGTGGAAGTCTTCGGCGCAAG
ATTGAATTTGAATCCGCGCAAGAAGGACGCGAATGGGAAATCCTTGATTATCTCCTGCGC
ACCGCAACCGCAGAAAGCGCTGCGTTCCACTCTGCGCTCGCTGGATCTCACCCCGCTCATC

GCAGCATTAGACGGCAGCATCACCGTTTCCACTGGCACGAACATCACCGCGTCAGAAATTT
TTGGCTTCGCTCCCCGAACTCGGCGAAAGCACGCTATATGACGACATCGCTCAAGCTTTT
GGTGCCACCACACCAAGTACTCGCGCGATGGCCATTGAGCTTGCTTTGGAAGGTCTTTAC
CTTTCCCGAAAAATTGCCAAGGATTCTGGCGAAGGTGAAACCATTACGGT

>naRXA02123-downstream

TAAGTGGTTTTAAGGAGCAACCAC

>naRXA02124-upstream

GCTTGCTTTGGAAGGTCTTTACCTTTCCCGAAAAATTGCCAAGGATTCTGGCGAAGGTGA
AACCATTTACGGTTAACTGGTTTTAAGGAGCACCACAGCC

>naRXA02124

ATGGCCACTTCACATTCACGACCCCGCCGCGAGCCGTTACGGACGCTACACCGAGGCCCA
GATCCGCTGGCACCTCCAGTGGATCTCAGCGATGCCCTGCGCGATATTGCTGATGATGTC
ATGGCTGGTTATTTCCCTGAGCAGGCACTACGTGAATACCTGCGCAGAGGCGCCCGAGGA
CAGGAAGGCCTCGATGATCTAGCCTGGCGTGCAGCCGAACGCCGCCGAGAATTACTTAGC
CGAAACAACCTCGGTGGCACACTCGCTGAGGTTGCAAGCTTCTCGATGAAGGCCTCAAG
CTGGAACGCGCTCAACTGGCCCGCGATATCGATATGGATGACACCGATCGAGCATTCGCG
GAAATGCGATCAGCAACCTCCCTGAATCCACCGCCGCTGCCGTTTCCGAGCTAAATTCC
TACGATTGGCAATCCCAAGAAGCAGCCAAAAGTTTGAACAAATCCGTGACCTGCTTGGC
CGTGAAATGTTAGATCAGCAATTTCTCCGGCATGAAACAAGCCATGGAAGGTGCCTCCGAC
GAGGACAAAGCAGCCATCGCCGAAATGCTGCGCGATCTCAACGACCTGCTCTCAAACAC
CGCGAGGGAACGGACACTCCACCGATTTCGCCAATTTTATGGCCAAACACGGCGAGCAC
TTCCCCGAGCAGCCGCGGACATCAATGAGCTCATCGATGCCCTCGCAGCCCGTTCCGCC
GCAGCCAGTCGCATGTTCAACTCCATATCAGAGGAACAACGCCGCAACTCATGAAACTA
TCTGCCCAAGCTTTTCGATCCCCAGAGCTGCAGGAATTGCTCGGTGACCTGGCTGAAAC
CTCCAAGGTCTGCGCCCGACCTCAACTGGGATGGCTCCGAACAATTCTCCGGCGACGAA
GGCATGGGACTTGGTGATGGCACCGGCGCCATGCAGGACCTCGCCGAACCTCGACAACCTT
GCTGAACAACCTGAGCAACTCCACACCGACCTCGACATTGATGCGATTGCGCCCAACTC
GGCGATGACGCCGCTGTCTCTGCCGAACTTTGGCCAAACTGGAGCGCGCGCTCCGCGAC
AGCGGCCTTCTTCGCGCAACCCCGATGGCTCATTGAAGCTCAGCCCCCAGGCCATGCGC
CGTCTAGGGAAAGCGCTTCTCGACGCCCGCAGCGAACAATTATCGTCCCGCCAGGCTCG
CGAGACTCCCGGTTGGCAGGAGCAAACGGTGAAGCGACGGGAGCATCCCGACCTTATGTT
TTCGGAGACACCCAACCATGGGATGTCACCCGCACCATCAACATGCTCTGCAGCGAACA
GCCGGAACAGATACGGAAGGTCCGCTGCGCATCAACTTAGATGATGTGGAAGTCATTGAA
ACTGAAGCCCGCACCTCAACGCCGTGGCACTGCTAGTAGACACCAAGTTATTCCATGGCT
GCCGAAGGCCGCTGGGTGCCCATGAAGCAAACAGCGCTTGCCCTCCACCACCTGGTATCC
ACCCGGTTTAGAGGAGATGAACTAGCACTAATCACTTTTGGTCGACATGCCCCAAACATG
GACATCGAGGAACCTGACTGCACTGCCACCGGTTACGAACAAGGAACTAATCTCCACCAC
GCATTACTGCTGGCAGAACGGTTCTTTGCTCGCCATCCCTCCATGAAAGCAAGCCTGCTC
ATTGTACAGATGGCGAACCACACAGCTCACCTCGAAGCCGATGGACACGCCTGGTTCAAC
TGGCCCACTGACCCAGAAACCATGTTCAAGACCGTCACCCAACTAGATAAAGTAACCAAG
CGAGGAACCCACACCACACTCTTCCGACTGGGACATGATCAAGGATTAGAGCACTTTCTC
AACCAACTAGCCGACCGTGTGGCGGCACCGTGGTGGCTCCCGATCTGGACGGACTCGGC
GCCGCGAGTCGTGGCGAGTATTTACGACACCGCTAC

>naRXA02124-downstream

TGAGCATTGGACGTTTTTCGCCTT

>naRXA02125-upstream

GACCTAAAATTTCATCACCTCACCGTTTTTAAGGCTTAGAAAAATAGCAGTGTTGGGATGT
GAATATCCATTTATGCTGCTGTAGTCGGCTATGTGGACGC

>naRXA02125

ATGGTGGCAACCTCTCAGTTTATCGATGACAGCGAGGCTGCCCAGGCGGTACGCGCAGCT
ATTGTTGCAGGATACCGAAACATTGATACTGCCCTAGCGTATGGAACGAGCGCGCGGT
GGCGAAGGCATTGCGACCGCTGGAGTGCCCGCGAGGAGCTCTTTATTTCCACCAAGCTA
GCTGCAGAAATCAAAGATTACGATGGAGCAGTCGCCCGATTGATGAGTCTTTGGCGAAA

ATTGGCTTGGATTATGTGATCTGATGCTCATTTACTCCCCACAACCATGGAGTGATTTC
 CGTGGTGGGGACTATTTCAGAGGGAAACCGTGAAGCGTGGCGCGCGCTGGAAGATGCCTAC
 AAAGCCGGAAAGATTTCGATCCATTGGTGTCTCGAACTTCTGGAGGCCGATCTGGAGAAT
 ATCTTAGACTCCGCGACGGTTGCTCCTCACGTTAATCAGCTTCTTGTGCATGTTGGAAAC
 ACCCAAGCGAGTTAATCAGTTTCTGCGATTCCAAGGGCATTCTGGTCGAAGCATATTCA
 CCCATCGCCCACGGAGAGATGCTGAAGAACCAGCAGGTCAAGGCGATTGCTGACAAGTAC
 AACGTGAGCATTCGCGAGCTATGCATTTCGGTACACAATTCAACTGGGAACGCTGTCTTTG
 CCAAAGACTGCCAACCCAGATCATATGAGCTCCAATGCGCAGATCGACTTTGAAATTTCC
 GAGGAAGACATGGCGGCACTTCAAGAAGTGACCGCCCGCATTATGGCGAGCACAGCGGT
 TTTCTGTGTATTCCGGCAAG

>naRXA02125-downstream
 TAGAAAGATTTTTATCATGGGAC

>naRXA02129-upstream
 TGTTCGCGGATCCAGCACCAGCTCTGGTGGCAGGAGCTGAGAGTTTTGCCAATTAACCTT
 GGCGAACAGACTTGTGGAAATGAATTTGTCAAGAATGGC

>naRXA02129
 ATGAAGATCATCTCAAAATGGCTAGTAACAAGTTCATCGACAACAAAAAGGGGCTGGCT
 ATGCTAGTTTTTGCCGAACTTGTGATGGAAATGCTTGATCAGCCTGAAGAACAACTTCAT
 AATGTGCGTGGAGTGGCTATTGAGAAGCGGGAGTTCCTCAAAGCTCTCACCCTGATTTC
 ACCAGCAGACTTAAACAAGCTCAAACCGATAAGATTCTTGTGTTGGGATTTCGCA

>naRXA02129-downstream
 TGACTATTATGTGGCGACCCGT

>naRXA02132-upstream
 GCAGCCACCGCCAGCGATTCTCGCCGAACAAGGCTACGCATACCGCATCCTCGACGCC
 GACGACATCCTCTTCCCACTACCCAAGAAAGAGCTATAAC

>naRXA02132
 GTGCACAACCTCTCCTTCGACGTGGACGAATCCTACGCCAAGAAGAACAACGAAATCCTC
 CGCGACGCAAAGCGACTCCAGATCTCAGCACTGTGCCTTGGACTCATCCTCGGCGGCGGA
 GCCGTAGCCGTCTACCTGTTTTCTAACGGAGCAGTGTGGATGTGGATGATCGCCATCGTC
 ATGGTCTTCTCGCCCTGTTGAGCTTCATCATGATTCCTGTGATCCCCCGCAAATGGGC
 AACGCACAAACGCTCTACGATGACTACGAAGTACGCCCCGCCATCATCGCAGAAGTAAAC
 CCCCAGCATGTGGTCTCTGGCACTCGTCAACCGCAATGTGAACCCCGAAGCCAAACCA
 GAGTGGGCATTGGCCACCCGCACGATCGTTCCGCTCGGAGCACACGAACGTCGCCTCGGC
 GAACGTATCCCATCCGTGCGAATCACCGCCGACGACCGTCAAAGACCAAGACCCTGG
 GATGAATCAGCCCCATGCCAATTACCTGGGGCACCACGGACAAAGACATCATCCGTGAA
 GCCGAGAAAACCTATCCCCACGAAGTCTGGGCCAACTAGAAAAGAACCAGCGCAAGTTG
 GAGGACGTTAAAAAGACCCCCAACCAACCTGTTCAAACCTA

>naRXA02137-upstream
 GCCTACTACCGTCCACAGATGAGTAAACCCGGAAAAACCGTATTTAGTTATTGGTTTT
 ACCTGCGTGGGCTGAAAGTCTTCACTTTTAATCCTTACAG

>naRXA02137
 ATGGTCGTTCTGATTCTTTCAACGATGAAGTGTGCACCCCTATTCCCGATTGAGGAGGT
 TTTCTTGTAGCCTATTGAGTGTGAACTTCCTTGGGATAAAAAATAAGAACACGAAGGG
 GCTGACGCTGCAGGCCAAGACGCCAGCTCCACCCCTGAGACCGCTACGCTGACGCTACT
 GAGCAGAAATTGCCAAAGGGGCACACGGCACCGAAGGGCCGTCCCACTCCGAAGCGTCGT
 GAAGTTGAGTTAGAGCGAGGTGTGCTTGGCGGCCAGTCTTTGGCGCCTACTGATACTTAT
 GCGCAGCAGCGCCAGAAGCGTAAAGAATTTAAAGCTTCTATGACCAAGGAAGAATTCAAG
 GCATACAAGCAGAAAGAGCGCGATGCCCGAGTTAAGCGTCAGCGCGAAACCCAGCTGCA
 ATGGATCGCGCGAAGATGCTTATTTGATGGATCGCGATAAGGGCGAGGTTGCGCGTTTT
 GCGCGTGACTGGGTGGATTCCCGCAGGTTCTTGTCTAACTTTGTGATGCCAGTAGCTATT

GCTTTGCTGGTTGTCATGCTGATCGGTAACCTCAACCCATCATTCGCTGCGACTTCTTCC
ATGGTTGCCATGGTTTTGATGTTGGGCTTCCTGATTGAGGGCATCACCCTGGTCGTCGT
GTGAACAAGGCTGCTCGCACGAGGTTCCCTGGTACCACCGAGACTGGTTTTGGTCTGGGT
TACTACGCGTATCCCGCACCATTACGCTCGTAAGTGGCGTACCCCTCGTGACGCGTT
GAAATTGGTGCTGAAGTC

>naRXA02137-downstream
TAGCGCATGCGCACGTTAGTTCT

>naRXA02138-upstream
TCACTCGCCGGAGATCCGTA AAAAGGGGAGTACACTGCAAGCCTATGATGTCCCGGCCTA
AAAGTAATTCAAAGGGCCAACAGTTAAGGAGACTAAAGCG

>naRXA02138
ATGACCGCTCCATCAACCAACACCGGTGTTATCTTGACCGAGTCCGCAGCGTCCAAAGCT
AAGGCACTCATCGATCAGGAAGGCCGCGACGACCTCTCTGCGTATCGCCGTTACGCT
GGCGGCTGCTTGGCCTTCGTTACCAGCTTTACTTCGACGACCGCACCTTGATGGCGAT
AAGGAAGACATCGTCGGTGGCGTTGCTTGTGTTGACAAGATGAGCACCCATACTTG
CTCGGCGCTCAGATCGACTTCGCTGACACCATCGAGCAGCAGGGCTTCACCATCGACAAC
CCAAACGCAGGCAGCTCTTGCGCTTGTGGTGACTCCTTCAAC

>naRXA02138-downstream
TAAAGAGATTCCGTTATGTAGGA

>naRXA02141-upstream
GCCCCATTGTTTCCGATCGCACCGCAACCCGCGACGGCGAAAACACTCAGAGCAACGCTT
AAGAAGGAGTGGCGAAAAAATGAAGTCTTCAGCAAACTC

>naRXA02141
ATGTACGGCCCCGACCGTATTCATGGCCGCAATGGCTGTCATCTACATCTTCGCAACAATG
CACGTTAGTGATGGCGGCAGCGTTAAAGGTGTTGAGTGGGTCGGTTCTGTGGCCCTGGTC
CTGTGACGAGGCTGACGCTTATGCTCGGTGTCTACCTTCACTTCACTGAAGTCCGCGTA
GATGTTCTTCCAGAGGACTGGGAAGAGGCTGAGGTTGCCGACAAGGCAGGAACCCCTCGGG
TTCTTCAGCCCAAGCTCCATTTGGCCGGCAGCTATGTCCGGTGGGTTGGATTCTTGCA
TTCGGCGTTGTGTACTTCCACTACTGGATGATCGCAGTTGGTCTGATGCTCCTGATCTTC
ACGATCACCAAGTCAACCTTCAGTACGGCGTGCCAAAAGAAAAGCAC

>naRXA02141-downstream
TAGTACTAAAACCACATATGCTC

>naRXA02146-upstream
GGTTCTCTCGCAGAGAGAGAAGGAGTGGGGATAGGGGCCTTCCGCTCCGAACCCGACAGC
TAACTCGGTGAGCAACAGGAAGAATTTGGAGTTTCATCA

>naRXA02146
GTGGGTAAGCACCGTCGCAACAATTCAAACGCAACTCGCAAGGCTGTAGCAGCATCTGCA
GTTGCGCTTGGAGCAACCGCAGCTATCGCTCCCCAGCACAGGCAGCTGAGGTTGTTGTT
CCTGGCACCGGAATCAGCGTTGACATCGCTGGCATCGAGACCACTCCAGGTCTTAACAAC
GTTCCAGGAATCGATCAGTGGATCCCTTCCCTTAGCAGCCAGGCAGCTCCTACTGCTTAC
GCAGCCGTCATTGATGCACCTGCAGCACAGGCTGCACCTGCAGCAAGCACCGGTCAGGCA
ATCGTTGATGCAGCGCGCACCAAGATTGGTTCCCCATACGGTTGGGGTGCTACCGGTCCT
AACGCTTTCGACTGCTCCGGCCTTACCTCATGGGCATACAGCCAGGTTGGCAAGTCCATC
CCACGTACCTCCAGGCTCAGGCTGCACAGGGCACCCCTGTTGCTTACTCTGACCTTCAG
GCTGGCGACATCGTTGCGTTCTACTCCGGCGTACCCACGTTGGTATCTACTCCGGCCAC
GGCACCGTTATCCACGCACTGAACAGCAGCACCCCTCTGTCTGAGCACTCCTTGATTAC
ATGCCATTCCACTCTGCAGTTCGTTTC

>naRXA02146-downstream

TAATCTGCATAAAGTCTTAAGCT

>naRXA02151-upstream

ATGAGCGCATCGTCTTTTTTAGGAGTTGTCCGCCACCGTGAAACTGGAACTTAAACCC
AGCCCCACAGCAGGTGACGGCTCCCCAGAACAAAGGCTCGT

>naRXA02151

ATGGATTGGCCAGACATCGCCAAGGGAATATCCATCCTAGGTGTCGTGTTACTACACGTG
TCGTTGGCAATTCCAGGTGGCCAGGACACCATGATGTCCACCTGAACGCACTGCTTGAT
CCACTTCGGATGCCATTATTTTTTATGGTGAGTGGATTTTTTGCAGTTAAAGTTCTGAAT
CAAAGCTTTGGTGAACCTTTCCGCGGGCGACTGTGGTTCTACCTGGTTCCATATTTGCTG
TGGACTCCAGTGAATCTTTATCTACACCGCCTCGAGGGCACAGTTTTTACCGGTAGAGCA
CCGGGAACATGGGAATGGTACAGCGGCTCGATGCTCTCGGCCACCAATATGTACTGGTTC
CTCTACTTCTTGGTCATCTTCAACCTATTTTTATGGGCAACGAGAAAACCTCCAGCTTGG
GCAATTGTGGCGTTGGTGGCCTCACTGTGGCTACTTATGCCGGCTTATAGCGAGATTGAG
ATTCTACGCAAGTCCATTATTTACTTGCCTACATTCCTCATTGGCGCTTACTTCCGCCCA
CTGATTTTCGCGTTTTCAGAAAGCCGCAACAAGGCCAAAAGCAATAGTGTTCAGCGGTG
CTTTATGTCTCGGACTTGCTTTGGCGTGATCTCAAATGGGCTGCGCGACAGCGAAAAC
CATGGCGCAAGCGTGCTGTGGCTGATGAACCTCCGCGATACTTTTGCTCATGCACTCGGC
GGCAACCTCACTGGATTGATATGGATCACCTTCCTGGAATGATCATTCCGATTGTTTCC
CTGCCTGCAGGAATTGTGTTGTGCGTATGGCTTGGCCGAATAAAGCCAGTAGGGGAGTTT
TTGAACTTATTGGTAGGCACACCCTTCCCATCTACATTGGGCATGCAACAGGACTATCG
CTGATTTTTGGTTTCGGCTTGGCTGGAATTTCAATGGAGATTGATAACTTCTCTGACAGT
TTGTGGCACCAACCAATACGTGGATGGTCACTCGCGTTTGCCTGCGCGATGCTCGGCGGG
TACCTGACCTATCTGATCTCGCGAGTTCCAGTGCTGGGATGGACTCTTGTCCCCCTAAA
CTGCCAGAACCAGATAAACTCCAGCTAAAGCACAAGCTGATTCTCACGTTAAAGCTCAG
TCTGCGAAGCCTATGAATGCTTCTACCTCTTCTAAGACGTACGGTATA

>naRXA02151-downstream

TAACTGAAGCATAACCTGTGTGA

>naRXA02152-upstream

AAGCCGTAAAGTTGAGACTCGCGCTGAGAACTCTACAGAAAACCTCCGAAGCTCCCGCT
AAGGTAGCTACCGGAATCAAATCTTAGGGAAGGAAAACAT

>naRXA02152

ATGGCTATTTACCGTAAGCTTGCGGCTTCCGCTGCAGCACTGGCCCTGTCCGCATCACTG
GTCGCTTGTGGCGACTCTGAGGACACCACCGAAGAACTCAACCACCTCTTCTTCGACC
ACTTCCAGCTCCTCCAGCAGCTCTAGCTCCAGCACCGCGGCTACTTCCGAGGAATCTTCC
GCAGTTGAAGAGCGCAGCAGTGGAAAGCTCCTGTGGAAGAGGCTCCAGTCGAGGCACCTGTT
GAGCAGGCACCTGTCGTGGAGCAAGCTCCAGTTGAGCAGGCTCCGGCACCGGTTTCAGGAA
GCACCTGCACCACTGAGCAGGCTCCAGCTCCAGTTTCAGGAAGCACCTGCAGCTGACGCG
CCACCTGCACTTCCAGGTGGTGGCGGCGACACGCTGGCTAC

>naRXA02152-downstream

TAAAAATTCATGCTTTTACCCAC

>naRXA02163-upstream

AGCCCGTACGATTCTGCGTTCCCATCCTCTGCACCAGCTGCGCAGAAGATCTCCGAAGC
CAACACCACGACGGGCCGATTACCCCCATTCTATTGCGCT

>naRXA02163

ATGGCGGTGGCAACATTCGGAACCATCACCGACATGTTGGAAACCAAGGGGATCGTGAGC
AATGTAGGCGGCACCGACACCATCGATTGGGCGCGTTGTTGAATGAAACCAAGCCGGA
ACCCGCTGGAGCGAACTTAGCCCCAACTATCAGTCCAACCGCGTCGTGCAGATTTCTACC
ACCGATGTGCGCACCTCTAACTCGGCGGCCATGTACCTATCAATGATGTCCTGGGTGAAA
AATGGCGGAAAAACCGGTGAGCAGCACTGCGGAAGCCGATGCCATCATCCAGAGCTTAGC
CAACTGTTCTGTTGGCCAGGGCTATACCGAAAGCACCTCCGCCGGCCCGTTTGATGAATAC

CTCTCCCAAGGAATGGGTTCTAAACCAATGGTGATGATCTACGAAGCCCAGTTCTCTCGCG
GAACAAAACAGGAAAACCTACGGATTTCCGCGGATATGGAAGTAGTGATCCAAGCCCC
ACCGTGACAGCACGCATACGGTGGTTAGCTTGAGTGACGTCGGCGCGGAGATCGGCGAA
CTCCTAGAAACCGACGAAACCTGCAGCAGTTGGCAGTCAAACACGGTTTATAGGCCAAAG
AATCCGCAATGATCGCCGATGCTGGCATGACCGACCGCATGCCCAACAACCTCAATGTC
ATTGATCCGCGGACTATGACTTCCTAGAACGACTCATTGATGGCGTGGGCGCATCGTAC
AGTGCCAAGCCAGCAGAAGAGGACACAGATCTA

>naRXA02163-downstream
TGAAAAATCTTGTAAGGTACA

>naRXA02164-upstream
TCAATGTCATTGATCCGCGGACTATGACTTCCTAGAACGACTCATTGATGGCGTGGGCG
CATCGTACAGTGCCACCCAGCAGAAGAGGACACAGATCT

>naRXA02164
ATGAAAAATCTGTAAAAGGTACAGCGCTGGGCTTGAGCTTGGTGCTTCTGGCAGGTTGT
TCAACTGTTTCGATTCTATCGATAGCCTCGGCGGGGCTGGGTGGTTCTCTGAGACT
TTGAAGATTGTGGCCGCCACAGAGCTGGAAGATCTGCAGCCCGCATCGAGCAAGCCTCC
GACGACTTGGGTTTTGATATTGAAGTGAAGCTTCCAGGCGGCACACTCAGCAACAGCCAA
GCCCTCATGGATGGCGCTTTTGACCAGGACTATGATGCCACCTGGTTTGCCACCAACCGT
TACGTCGATCTGATCGGCGCTTCCAACAAGCTGGGGGAGACCACCAAAATCGCGACCTCT
CCCGTGGCGTTTCGGTGTGAAAACCTCCATGGCCAGGAGCTCGGCTGGGATCAGCGCCAG
CCAACCTGGGAAGAGCTGGGCCAGGCTCGCAGACCCAAAGATTTACCTTCGGTATGACC
GATCCGGCCACTTCCAACCTCCGATTTTCCGCGCTCGTTGCCATGGCCACGGCATATGCT
GATACCGGCCAGGCTTAACAACCAACGACATCCCCGCGATCGCCGAGCCGATGTCCACA
TCCCTTTCCGGCCAAACCATCACCTCCGGTTCTCTGGCTGGCTCAAAGACACTTTCCTG
GAACAGCCTGACCGCGCAATGCGATCATCAACTACGAGTCCGTCTGCACACCATGATC
AGCGAAGACGGCGCCGATATCACCGTCTGGTGCCCGCGATGGCGTGGTCAGCGCCGAT
TACCCGCTCTCTACGATCACGGGCTCCGACCAGGGCGAGCATGTAGCAGAGCTGGCCGGC
TGTTTCGCTGAGCAGCCCGACGCTTTAACAGATACTTATCGACGTCGACACCGCGAAC
GCAACGCTCCGACGCGAGCTTAGCTCGCAGACCATCATCGAAGCTCCCTTCCAGGGAGC
AAGACGGTCACCGACGCGCTTATCGACGCCTACACCAATCAATTCCGCGTCCCAGGCGAA
ACCACCTTTGTGCTCGACGTTTCCGGATCCATGCTGGGCCAGCGCATCACCTTGCTCAA
GACACCATGTGACACCTGATCAGCGGCGGCGGACCACTGACCTTGCCAACGTGTCCCTG
CGCGACCGCGAAAAAGTATCGATCATTCCTTTACGCTTCGGGCCACACGAAGTAATCAGC
GAAACCTTCGGTGCCTGGGCGAGCCAAAGCCGACCGATCTGCAGCAGCGGTTGAAGCC
TTGCAAGCAGACGGCGGAACCGGAATTTACGACGCGAGTCTCGCCGCTACGACAGTCC
GCTGGTGGCGACTACATCCCATCCATCGTGCTCATGACCGACGGCGAACTACCGCAGGA
CGAACCTACGATCAATTCTCACCGAATGGAACGCGCTTCCTAGCAATATCCGATCAATT
CCAGTGTGTTGTCATCCTTTACGGTGAAGCCAAATGTTGCGGATATGGAACAAATTGGCAGCA
ACAACCGCGGTGAGACCTTTGACGCCATCAACGGTGACCTAGACGAAGCATTTAAGGAG
ATTCTGTCCTACCAA

>naRXA02164-downstream
TAATGGAGGATCCTTCTTTTTCT

>naRXA02165-upstream
GAAGCCAATGTTGCGGATATGGAACAATTGGCAGCAACAACCGGCGGTGAGACCTTTGAC
GCCATCAACGGTGACCTAGACGAAGCATTTAAGGAGATT

>naRXA02165
GTGCCTACCAATAATGGAGGATCCTTCTTTTTCTCCGCAAGAATCTCGCGGGTATCGCT
ATTGCAACGCTGATTATCGCGCTGCACTTAGTGATCGGACTCGGAGCATTTTGGCCTGTT
GTCGCCATCGCCGGATACGGCGCTGCGGTGGCACTTACACCTAAAAACCTCCGAAGAAG
GAACTCCCTCCGGTTCAGGCAACTCCGAATTAGATAGCCCGGTCTGCTTGACGCCAGG
TCTCAAGAACTCGTGAGAACTATGTATAGCCACGGTCTGTCAGCAGCAGTGATCGAAGCG
ATTAAGAGGCTAGACAGCTCACTGCAATTGGTCATTGGTAACTGGACAAGCCTGACCAAT
TTTCCCGAGCACCAAGTCACCATTCGCTCAATTATCAACAGTACATCCCAGGCATTATC

GACGCTTACCTGAAGATCCCCACCCGCAACGATCCTCGGGCAGTCGAAGACCTCATTGAA
 TCCTTCGACCTCCTGAAGTCCGAGACGATGAAGATCTTCAATGCGATCCAAGAACAAGGC
 CTTAATAACCTTGAAGATCACGGTCGCGCACTGCGCATGCAATTTGGTCAACTGCCAGAA
 GAATTCCGGGAA

>naRXA02165-downstream

TAGCCACTCAATGGAGTTAAGTT

>naRXA02166-upstream

CGGTCGCGCACTGCGCATGCAATTTGGTCAACTGCCAGAAGAATTCCGGGAATAGCCACT
 CAATGCAGTTAAGTTTTCTGCCCCGTAGGATGGTCCGT

>naRXA02166

ATGAGTCTTGATCCACAGCTTCTTGAAGTCTGGCTGCCCAAAGGACAAGGGCCCACTT
 CGATATCTGGAGAGCGAACAGCTCTTGGTCAACGAACGCCTCAACCTGGCTATCGCATT
 GACGACGGAATTCGGTGCTTCTCATCGACGAAGCCACCGAGTGGACCCCCAACAAAC

>naRXA02166-downstream

TAGAAGTACATCAAGGACATTTT

>naRXA02168-upstream

AGGGTTTAGTCATCTATTTCCGGCTACGCTCACGTAACTACGCATTGTAAGTGGTCATG
 GGTCCAAGAAGCCCATTCGAAGACTTAGGAGCTTTATTTT

>naRXA02168

GTGAGTATTTCTTCACTGACACCGCTGCACTCTTCAAAGAGCCAGCAATTCTGTACGCC
 GGTCAAGGCTTCTGCCTGGCAGCAGGTGATCGCTGATTCCAGCGAAGACCACATCACCGCA
 ACGCACCTGCGCGAGCTCCTGTCTCGCTCCCGTGCAAAGACTGCACCTTTCGCTCGCCAA
 ATCACCGCCATCGTGCTGGCTCACTTGCTCGTCTTGAGGAAGTGAACCGCGAAGACGCA
 CAAATCGGTGCAGACATCGACGCACAGCCTGCCGTTTCCATTCCAGGCATTCTGCTGGGA
 CAGATCGCTGCAACCGTCACTGCGTGACCTCGGACTCGATGTGCGAGCAGCTTCCCGC
 CTTGGACACTCCCAAGGCATTTTGGGCGTTGAAGCAGTAGACAATGAAGAAGACGTTTTTA
 GCTTTCGCCATCCTGCTGGGCGCAGCAGCTTCCAGTTCGCTGGCAAGGGCGCACATATG
 CTCTCTGTTTCGCGGCTGTCCCGTGAGATCATCCAGGACACCATCGCTGGTGTGATGGG
 GTAGAGGTCTCCCTGCGCAACGCTCGTGACACTTTGTTGTCTCTGGTAAGCCAGAGGCA
 CTGAAGAAGGCTGCTGCTGCTCTACAGCGCGCAGCTGATGTTTACAACGAAGACATCAAC
 GAAAAGCGCAAGGGTGGATCCCTGGCAGAGCCTAAGTTTGACTACTTGATGTGGCCATT
 CCTTTCACCACTCCTCCATGCAGGACGCAGCCGACTTGGCTGTGAGTGGGCAACCACC
 TGTGGCCTAAACGTCAACGCGCGCGCGTTGGCAGAAGCAATTCTAGTTAACCAGCTGAC
 TGGGTTGAGCAGATCGCAAACCTCAAGGCTGATTACGTTCTTCCCTCGATGCAGGCGTC
 AGCCGTTTTCACCGCTCATTGCTAGACGGTCGCGGAATCTCTTTGGTTCTGCGTTCTCC
 GCTGCAGAGCGCGACAACCTGGCTCGCCCTGGCTTCCACGTTCTACCGCTGAGGATTGG
 TCCGAGTTCGCTCCAAAGCTGGTTAAGCTTCAAACGGTGAGCACAAGGTTCTCACCGGG
 TTCTCCCGCTGACTGTTATTTCCCAATCGTCTGGCTGGCATGACCCCAACCACCGTT
 GATCCTGAGATCGTTGCAGCTGCAGCGAACGCTGGACACTGGGCCGAAATGGCCGGTGGC
 GGACAGTACTCTGAAGAAGTCTTACCAAGAACAAGGAAAAGCTCGTTTCCCTGCTCAAG
 GTTGGACGCTCCGCACAGTTCAACTCCATGTTCTTCGACCGCTACATGTGGAACCTGCAG
 TTCGGTGCACAGCGCATCGTTTCAAAGGCAGTGCAACCGGTACCTCCATCAACGGTGTT
 GTTGTCTCCGCTGGTATCCCAGAGGTTGAGGAAGCAACTGAGCTGATCAACGATCTGAAC
 GCTGATGGCTTCCCATACGTTGCATTCAAGCCAGGCACCGTGGATCAGATCCGCGCAACC
 CTGAAGATTGCTGATGCAAAACCCAGAGACCAAGATCATCATCCAGATCGAGGACGGACAC
 GCTGGTGGCCACCACTCCTGGGTCAACTTGGACGATCTGCTCCTGACCACCTACGCAGAG
 CTGCGTTCCCGCAAGAAGCTTGTGTCATGATCGGTGGCGGCATCGGAACCCCTGCAAAG
 GCTGCTTACTACCTGACCGGTGAATGGTCCACCGATTGGGGCTTCCAGCAATGCCAGTG
 GACGGCATCCTCGTGGGTACCGCTGCCATGGCAACCAAGGAAGCAACCACTTCTCCTCAG
 GTCAAGCAGGCACTGGTCGACACCCAGGTGTTGATCCACACGACGCTGGCGGCTGGGT
 GGCCGTGGCGATGCTCGTGGTGGCGTGACCTCTGGTCTGTACACCTGCACGCTGACATG
 TACGAGCTGGACAACGATCTGCTGCAGCTTCCCGCTGATCTCTCCATCGATTCTGAT
 GATTACGCAGATCACCGGAAGAGCTCATCGAGGCTATCAACAAGACCGCTAAGCCTTTC

TTCGGCGAGGTCGAAGAGATGACTTACGCAGAGTGGATCCAGCGTTGGGTTGAGCTTGCT
TACCCAACCTCAGGACCCAACCTGGGATGATCGTTTCCCTCGATTTGGTTCACCGCATTGAA
GCTCGTCTCAACGAGGCAGAGCACGGCGCCATCACCACACTGTTCCAGACCATGCGTCT
GTGGAAAATGAGGAAGAGGCCGTCGAAAAGCTTCTTGCTGCTTACCCGAGGCCCGCGAG
ATCCAGGTCTCTGCGCGGACGCCGCGTGGTTTATTGGTCTGTGCCGCAAGCACCACAAG
CCTATGCCTTGGGTTCCAGCAATCGATGCTGACCTAGCACGCTGGTGGGGCCTTGACACC
CTGTGGCAGTCCAGAACGAGCGCTACGGCGCGAACTCAGTCCGCGTTATCCAGGACCA
GTCTCCGTCGCCGGCATCGACCGTGTGACGAGCCAGTTGACAGAGCTGCTCGGCCGCTTC
GAAGCTGCCGTGCGTTGACGCTCTCGACGGCGAGCCAGAAGAGATCTTCGCTCGCCTCAAT
GAGTCCAAGAAGAGCGCGAATTCTTGCTGGCTACCCACACATCGTGTGGCACGGCAAC
CTGATCGACAACCGAGTCTACGTCCTCAACGAGGGTGCTTTTCGAGCTCATCGAGGAGGAT
GGCTACTGGGTCTCCGTATCCTGGCTGATTCCTACTTCGACGATCTGCCAGTTGAGCAG
CGCCCATACCTGGTTCAGCATGTTGACATCCAGTTGAGCTGGGTGACGCTGGT

>naRXA02168-downstream
TGAACCGGTGGTTTCCCAATTGG

>naRXA02169-upstream
GTTAAAGGTCGAAAAATCCACCCCTAGCCCTTTTAAATGAGTGTGTTATGTTAACCA
CTGTTACTGGTGGGATTAATACTTATTTTTGGGAGAACTT

>naRXA02169
TTGGACATGCAAATAAACCGCCGAGGCTTCTTAAAGGCCACCACAGGACTTGCCACTATC
GGCGCTGCCAGCATGTTTATGCCAAAGGCCAACGCCCTTGAGCAATCAAGGGCACCGTC
ATCGACTACGCAGCAGGCGTCCCCAGCGCAGCATCCATTAAAAATGCAGGGCACCTTGGA
GCTGTCCGTACGTGTACAGCGACGCCCCGGCACTGAATCCTGGATGATCGGCAAGCCA
GTCACACTGGCAGAAACCGAGCTTTTGAACAAAACGGCCTCAAACCGCATCCGTCTAT
CAATACGGAAAGGCAGAGACCGCCGATTGGAAGAACGGCGCCGAGGAGCGGCAACCCAC
GCTCCACAGGCAATTGCGCTTCACGTGGCAGCTGGTGGCCCTAAAAATCGCCCCATCTAC
GTGGCGATCGACGACAACCCAAGCTGGTCTGAATACCAATCAGATTCGCCCTACCTC
CAGGCATTCAATGTTGCGCTGTCCGCTGCCGGCTACCAGTTAGGTGTCTACGGCAACTAC
AACGTCTATTAATTGGGCTATCGCCGACGGCCTTGAGAAATTCTTCTGGATGCACAACTGG
GGATCAGAAAGGAAAGATCCACCCACGCACCACCATCCACCAGATCCGCATTGATAAGGAC
ACCTTCGACGGAGTCGGCATCGACATGAACAATGTCTATGCAGACGACTGGGGTCAGTGG
ACCCAGGCAACGCGGTTGACGATGCCATCCCCACCATTCTGGAACTCCAACACGGGA
ACAGGTACTGGAATTGATGCTGACACCATCAACCAAGTAATCAAGATTCTTGGCACCCCTA
TCTAGC

>naRXA02169-downstream
TAAACTAGCCGTGCTGACTCACA

>naRXA02170-upstream
ATTTAAACCGCCACTCTCCAGTCGGAGGATGGGCGGTTTTTCGCATGCAGTACTATTAGT
GGACGTGTCAAGAACTCTAAGGTTACCCGGGATGGCGG

>naRXA02170
GTGTCTACTGTCTTTTAGCAGGAGTAGTTATTATTGGCGGAATTTTTACTCTCCCTCAG
AAGGAGGAAGTAAAGGTTTCCGAATTGCAGCCACAGGCCAGCGCTGCATCCATCCCGTCT
TCATCTTCCACAGCTGGGAAAGCAGTGGAAGAAAGCCCTCTAACGCAGTTTGTGGAAAAC
TCGACAGGCTCCCAATTACGTACATGAGCCTGAAAGACGATTTCCATACTGGCACGTCT
ACGGAACGTTTTGCGCGCCAGCGTTAAGTTTGTCTAAGCTCTACATCGCTGAATATGTG
CTCGAGCACGGCACGAATAATGAGAAGTCTTTGGCGATGGAAATGATCAAAGATTCTCC
GACGTATCCGCCGAAATCTTGATGAGGCGTACCCAGAATCAATTGAGGAGATTGCGGAT
CAATACGGATTGCTCTCCACAAGGGGAGACGCGCACTGGGGATACTCGGTGACATCCACT
TACGATTTGGTGAATTTGTGACGCTCTCATTATCGATGATCCAGATTACCCGATCCTT
GAAGCGATGCGTAATGCCAGCGCAGTCGCGGCTGACGGTTATCCGCAAGACTGGGGGACA
GCGGTGCTTGATGAGGCAGAAGGATCCAAATGGGGATGGTCTGATGATCTCATGCTGCAC
TCCTCTGTGACCTTTGGCGAAGACTATGTTGTGGCAGCTGCTGTGACTGGATCAAAGAA
GACCTCACCCAATTGGTGGAAAACCAATTGGGTGAGGTTGTGAGTCAGCACGGC

>naRXA02170-downstream
TAGTTTAGCTAGATAGGGTGCCA

>naRXA02172-upstream
GAGAAACATATAAGTTGCTTTATTTTAAAGCCGGCATTGCTTAGAGAGTGGCCGATCACC
GACTCCCGCTCGAGGGATATGAAAGCGAGATAAGTTTCCA

>naRXA02172
GTGAATGCAGAACAAATCACCCAGGGGCGTCGCCAGCCGACGGCTCAAGAGTTTCGGGAC
ATGCAGGCGAGCCCAGAATTTGGAGAGCTCCGCAGCAAGTTCCGTTCCCTTGCTTTCCCA
ATGACCGTTGCCTTCTTCTGTGGTACGTCGTCTACGTTCTGGTTGCATCCTTGCATCA
GAGTGGATGGCAACCCCAAGTTTTCGGCGCAATCAACATTGGCCTAATCTTCGGCTTCCTT
CAGTTTCGTAACCAATTCGTCACTTACTTACATCTATGTCATGTTTGCGAACAAGAAGTTG
GAGCCTCGTCAGGCTGCTATTCGCCAGAAGATGGAAGGT

>naRXA02172-downstream
TAATCAGATATGAATTCCTACTAT

>naRXA02177-upstream
AATACCCCCACTTTGAAAAACACCCCGTACAGTTACACCAAGTACGGGGTGTTTTTTAGTT
AAGCTTGGGTGATCACTTAACCCAGCTAGAAGGAGTCAAC

>naRXA02177
ATGCGGGAAATATTCCTGATCAGCGGTGATTCCACCGAATCATCCTTGGTTTTCAAGACC
TCCGAAGAGGACGGCGCTGAGGAATTTTTCATTGCTGTAACAGATGAATCCACGCCATT
CTTGACGGTCAATAGCGAGATTAAGAGCGCCCCAGAACCCGAAGAACACAAAGAGGTCCCA
CCTCCTGTTCTAGAGCCGGTTCGCTGCGGTAGAAGAGCCCCGTGAGGAAAAAGAAATTGAC
CCTCGTATCAGCGCTCCCTGACGATGTACCCCGCGAAATTCAGATTCGGGTTTCGCTCA
GGCGCCACCATCGAAGAATTAGCCGAAGAAATCGGCGTCACCGAAGCCCGGTTGAGCCC
TATGCCCACCCCGTTTGTCTGGAACGTGCCCGCATTGCCGACTTGGCTAAGCAATCACAC
CCCATCAGGGGAAAATGGTCTCTGCAAACTGACTCTCTGGGAAATTCTTGCAACGGCGTTT
GCCACTCGCGGCCACGATCTCACACAGCAGCTGGGACGCCTACAAAGACGCCACCAAC
CAGTGGATCGTGCAGTTGATTGGAAGCAGGACTCAGCGACAATACGCGGAGTGGACG
TTAAACCTGCACAACACCAAGCAATCCCACCGTGATCCGCGGACCCAGTCGCAGCCGAT
TTGATCGATCCTGAATTCATTAGCCGGTACGTACCTTGACGTCCGTAAACTCCACCCAG
GAACAGTACGACGACGAAACCGATGTTTTCGACACCGTACCAAGCCCTGACGACGCACCA
GACTCAGAATCCGATGCCGTTGCTGAAATCACCACGACAACGAACCTGAAGTCGATGCG
GAAGGCCACGCAACAGGCGTCGAAAAGCAGTAACCCACACTGGGAAGATGTTCTTTTA
GGAGTTCGCGCAACACAAAGCGCCCGAAGAAA

>naRXA02177-downstream
TAGGATGTGCTGATGCCAAGTCA

>naRXA02178-upstream
CCCACGCAACAGGCGTCGAAAAGCAGTAACCCACACTGGGAAGATGTTCTTTTAGGAGT
TCGCGCAAAACACAAAGCGCCCGAAGAAATAGGATGTGCTG

>naRXA02178
ATGCCAAGTCAATTGGGAGAAAACGCGGCGATCGTCACCCCTCTGGTTTGTAGCGCATCC
GATCCCCAATCCATCATCCGCTCGGAACCTCGGGCGGATCGTGGATATGGCCGAAAACCTG
TTGGCACAGCTCAACCCAACGTGGCCAATTACCCCCATCGGGCAGTTCCGCCCTCAACAGA
TCCGTTCTCTGCTAGTGCCAACGAGTTCTACATCGCTGGTTTTCCCGGCATCACCATCATT
CAAACCGTGTTGGAAGATGTACCTCTTTATCCAAGCTGAATCCTCGGTTACTGCGCAGC
GTCCCGGCAACAGATGTCTACATTTTCGCCGTCAATGAAGAAACACCCTTGGTGGCTTC
GCACACATCTACAACGGTGAGATCAAACGATCCTTCATCGCCTATGAAGAGCGCGTCTTC
GAAGACAACGGCATCCCCGGCGGCTTTGAAACCCCTACTGGGCAGGCAAAAAGGCACC
CGGAAAACCTGCGTGTGCTTGCCTTCAACCCCATCGAACTAGTCCACGAAGCACAACGT

GCATGGCTCGGATTTCGACGCCACCACCTCCCCTGACATCAACGTCGTTGCCATATGCCACC
GATGGTCGCCCCGAGCCGCGCATCGCTGCACCCCGCATAATTAACAGCGAGGAAGTGACA
AGGTCCGCGCTCGAAAAGCTAGGACTGCGCGAATCCGCCTTCTACGACGACTACGAAGAA
TACGAGGCACCCGATCGAGTGGTGTCCAAGCGCATTACCTCAAACGCGAAAAAGCGGCC
AGCTCAGCACAGAAATTTGGTAAATCTCTGTGGCGAGCCAGCCGCGAATTCGGGTCAAAC
ATGGCGGAAAGACTCCGCCACACTGACCGC

>naRXA02178-downstream
TAGCGCTACTACTTAGCGCTGTT

>naRXA02180-upstream
GTTTCAGCTAAAAGAAGAATCCTTGCTAGTGGAATCAGCTGAGTTTTCCACGAGTTTTTC
AGCTTTCTCACAACTTGAATAGAAATTGAGGTATCCGGCA

>naRXA02180
ATGACGTCAGGGAAATCAACGAGTACTAGGGGAGCCCTAGACCGGTATTTCAAATCTCG
GAGCGAGGATCAAGCATTGGCACGGAAATCCGTGCAGGTGTGGTCACATTCTTCGCGATG
GCCTACATCATCCTCAACCCCTTGATCCTTGGCACCACCCCTGACGTAGAGGGCAAC
ACCCTAGGCATCGCACAGGTTGCAGCGGCAACAGCGCTTGCCGCTGGTGTATGACCATC
GCGTTTGGTTTGATTGCGCGTTATCCATTTCGGCATTGCTGCTGGCCTGGGAATTAACACC
ATGGTCGCGTGACACTGGTTTCAGGTGAGGGCTGACCTGGCCGGAAGCAATGGGACTT
GTGGTCCTTGACGGTGTGGTCATTGTTATTTTGGCTGTGTCCGGCTTCGGTGTGCTGTG
TTCCGTGCGATCCGAGCATCCATGAAGGCGGCCATCAGCGTGGGTATCGGCCTGTTTCATC
GCCATGATCGGCCTCGTGGATGCAGGCTTTGTTTCGCCGTATTCCAGATGCTGCCGGTACT
ACTGTGCCAGTGACTTTGGGCATTGATGGTTCCATTGCGTCTTGCCCAACGTTTCGTGTTT
GTTGTGCGTGTCTCTCTGTGGCATCCTTGTGTCCGTGAGTTTCGCGGTGGACTGTTT
ATCGGCATTTTGGGAACCACCATTTTGGCGATCATCGCAGAAGCAATCTTTGATTCCGGT
GCGTCCTTTGAAATGGTGAAGCAAACGCAGAAGGCTGGTCACTCGCCGTTCTTGGTCTC
CCAGACTCCTTCGGTGGCATCCCGGATCTTTCCATCGTCGGCGCAGTTGATTTGATCGGT
GCGTTTCAGCCGCATCGGTGTGGTCGCGCGACCTTGCTGATCTTTACCCTGGTCTCTGCA
AACTTCTTCGACGCCATGGGCACCATGACCGCTCTTGGTAAGCAGGGCAACTTGGTTGAT
GATGAAGGCAACCTTCCAGACATTAAGAAGGCACTGGTTGTGGAAGGCGCAGGTGCCATT
GTCGGTGGTGTCTCTCTGCATCCTCCAACACCGTGTTCGCTGACTCTTCTGCAGGTGTT
GCAGACGGCGCACGAACCGGCCTTGCCAACGTGGTCAACGGCTCCTTGTCTTGGCTGCC
ATGTTCTTGACCCCACTGTATGAATCGTCCCCATCGAAGCAGCAGCACCAGTGCTTGTA
GTTGTTGGCGCATGATGATGGGGCAGGTTACCGAGATTGATTTCTCCAAGTTCTACATC
GCATTCCCAGCGTTCTTGACCATTTGTGATCATGCCTTTCACCTACTCCATTGCAAACGGC
ATTGGCGTTGGATTATCATGTACGCCATCATGGCTGCAGCGGCAGGCAAAGCAAAGCAA
GTGCACTGGCTGATGTGGCTGGTTCGCTGGACTCTTCGTCGTGTTCTTCGCGATTGATCCC
ATCATGGAAGCTGTCCGC

>naRXA02180-downstream
TAATGACAACGCGCACGGTAATT

>naRXA02181-upstream
TTTGGCTAGTAGGGTGATAATCTCAAATAAAATGCACTTTCACCAGCTTTTTCGATTCCG
GAAGGTCTAATAACGTCGTGGTGACCACAAGTTTCTC

>naRXA02181
ATGGTTGACGGACACATCCGCAATCTTCAGGGCCACATCGATCGCCTCGAGGCGGCAGCC
CCTACTGCTTCACAGTTCCATGATCGCATCATCACTCAATTGCGTGAAGCTCCGGGCAGT
GTTTCAGGCAGCTGTCACGATTGAAAATAACCACTATAACGTGAGCTGCGCCCGCCCCGC
AAGTTAAATTCACGTGTCACCCCTTGATACCCACGGCCACCGCGATGAGCGCCTACATCCA
AAGATTAAAGGCCACGATATCGCGTGGCAGAACACGGCCACCGCAAACAGCCCGCCGAG
GGCGCCGATGATGGATTGCTTGTGACGAGTCCGGCCAGGTGATCATGGCTATCAATGCC
TCTCTCTTGGCGATTAAGGGCGACACCGTGTTCATTCCACGCACCCCAAGTTCGCTGCCG
TCTGTTCTGGAATCAACGGTCAATTGCCTACCTGCAGGAACAAGGCTGTAATGCAAAGCCT
CGAGAGCAAGGCTTCAACATCAATGATTTGCGCTCTTCGGAAGTGTGGCTGGTGGATTCT
TTGTCCGGCATCCGTCCGTCGCTGCATGGCTCGAATACGGTTCCAAATCCCAGTCTCA

GAAACGCGACCTGTGGCAGCTTTTCGTGCCGACGTTTTCTGAAGTCAATGACTACCTATGG
AGCACTGCACAGCAAGTG

>naRXA02181-downstream
TAGGTCGCTCGACTGTTATTCTC

>naRXA02183-upstream
TTGCACATATTCCGATTCCGATCGTTTTATATCACTGGTAAGCGTTGGCCTGACCTCT
ATGAGGTTAGATTCTGTCCTGCTGACTAGAAATCAAGACTC

>naRXA02183
ATGGCAAGCCGGAAGACCAAGCGTAAAAACCTCATTGAGATTCTCAGCCTTATCGTTGCT
GTGTTATTGGTGGTGATTTTGTCTGTGGTGTCCAGCAATGGTGGAACAATCGCCAGAG
CCACTCCCCAAGAGATCTCTATCTCAGCATCTTCTCCCGCTGGTGAAATCGAGGTATTCT
CCATTGAGCATGTGTGAACCAGGTGTTGAATGCGAAGAGAACGAGGTGCCAACGCTGGAA
GTTGGTGTGATGAAGAGTTGCACCTGACGATTCCAGAGGCAATTGATGATCATGACTGG
TACTTGTGACCATTTATGATGATCCGGCTGCAAATGACGAGTTCTACCACACCGATTAC
GACGCCACCGAGGCAACCGTTCTGTTCTGTGGATCCAACGAAGAGGGTGCGGAGCGC
CCACGTCTGGTCGTAGTGGAAGTGTCCGCTGTGATGATCGGTGAGGATGAAATGGTGAG
GAAAGCCCTTACACCGTCACGTGGTTCGCTATCCACGATGAACGAG

>naRXA02183-downstream
TAACTCACTCACAACAATAAGG

>naRXA02185-upstream
CAACTCCTTGGGTGAAGCCAGACATCCACTGGCAGAGCAACTCCTCCGCTTAACCCGA
CAGCTAACCTCGACGGCGACAAATGAGAGGAAACTTTTC

>naRXA02185
ATGGGACGTCACTCCACTAAGACTAGCTCCGCGTTCACCAAGCTCGCAGCTTCCACCATC
GCTTTCCGGTGCTGCTGCAACCATCATGGCTCCTTCTGCATCTGCTGCACCTGATTCCGAC
TGGGATCGCCTCGCACAGTGCGAGTCCGGTGGTAACTGGGCAATCAACACCGGTAACGGC
TACCACGGTGGTCTGCAGTTCTCCGCTAGCACCTGGGCTGCTTACGGCGGCCAGGAGTTC
GCTACCTACGCATACCAAGCAACCCGTGAGCAGCAGATCGCTGTTGCAGAGCGCACCTTG
GCTGGTCAGGGCTGGGGCGCATGGCCTGCTTGTCCGCTTCCCTTGGACTGAACTCCGCT
CCAACCCAGCGTGACCTCTCCGCTACCACCTCCACCCAGAGCCAGCTGCAGCTGCACCA
GCTGTTGCTGAGTACAACGCTCCTGCAGCCAACATCGCAGTTGGCTCCACCGACTTGAAC
ACCATCAAGTCCACCTACGGCGCTGTACCCGGCACCCCTCGCTCAGTACGGCATCACCGTT
CCAGCTGAGGTTGAGTCTTACTACAACGCTTTCGTCGGC

>naRXA02185-downstream
TAAATCTAGCTGCACTTTTTAAA

>naRXA02186-upstream
AGCTGATCATCACTTTGAGTATCCAACCACCCCTTGAGGGTGGGGATGGGGGAGTCTTTT
TTCATGATGTTGTTAAGTTTAAGCCTTGTTGAGGTGACTT

>naRXA02186
TTGTTCCCAGAGTTTGAAAGAATGTATGACATGGCAAACGTAGAGAAGAAGCACTTCGTC
GATCCGGCATGGCCGGAGCACAATCCAGCTGACGGACACGTCGTTACTGAACTCATCTCC
AAGGTGCGAGGCGCTCCAGCCCATGGGGCGATGACAAGGAATCCAGTTTCTGCAGAA
GAGACCGGATACGTTACCCGTACACCCGGATCAACCGC

>naRXA02186-downstream
TAAGAACTTAAAAAGAGGCAA

>naRXA02187-upstream

GGATCGACGAAGTGCTTCTTCTCTACGTTTGCCATGTCATACATTCTTTCAAACCTCTGGG
AACAAAAGTCACCTCAACAAGGCTTAACTTAACAACATC

>naRXA02187

ATGAAAAAAGACTCCCCATCCCCACCCTCAAGGGGTGGTTGGATACTCAAAGTGATGAT
CAGCTCTCCACAATCCTTAGAAATCGACCCGATACGGTTCTCCCTTTACCACCTAATTTG
GCCTCTCTTGCTGCGCGTTTACAGCTGAGGGCGTCTGCGATTGCGCGGTGTTGAAACTC
AATGCGTTGGAACCTGGTGTGTTGGAGGCCGTGGCCAACTTGGTGGTGAACCTCACCCG
GTTACTGCCCCGAAGTGGTGAATATTTGCATGTGGCGTTGGCAGAGGATCTCCAGCG
CAAGACACGATTGGTGGCGCTCTTGCCACGCTGAAAAATTTGCGGTTGGTTATGGCGAT
GACCAGTTGATGATTGCTCAGGAGACGATGGCTGCGTTGCCTGTTTATTGGCGGTTGCTT
CCGGAGGTAAGTGATCGCGGGCAGAGTGAGGAACAGGTGAGGGAAAGCGTCGATAAGCTT
TCTGATAGGCACCGCAAACCTTTGCACACGCTTGGCGCCTCGGGTGGCTTCGGTCTGACG
CGCGATGCGCGCCTGATGCGGATCCGTGCGGCCGATTCCGCAGTTGCTGGCGTCGGGG
TTGTTGGCGCGCCTGATGAGCAGACCGTGGCGCTGCCGCGATGGTGGCGCGTGTGATT
GAGGGCCGCGAGCAGCTGCCGCTCAGGTGCGCCCAATTCCGCGCACGGCGCGCCAGGT
TCGAATGATGGCGGCATTGCAGCCGGCCTTGAGGTGGTGGCGCACATGCGATTGCTTATC
GACGCCCTCAGCCACGTTCCCGCCCCCAGCTGAAAGTCGGAGCCCTCGGTGTGCGCGTG
GTGACTCGCCTGAGCAAGGAATTAGACCTTGATGAGACCGAGCTGGCACGTCTACTGAGT
TTGGGTATGGCCAGCGGTCTAATCCGTAAAGGCGTGCCCGATCCATTGCCCATGGATGAT
GATGGCGGCGATTACGTCGCTCCACCCCGCTGGCTGACGAATGGATGGAATATGATCTG
GCGCACCAATTGGGCACGTTGATGTCTGGTTGGTGAAGCAAACCTTACGCGCCGTGGTTG
GTGGGTGCGGCTGATGATAAGGACAAGCCGATCCATGTTCTCAGTAAACAAGCATCATT
GATTCGCTTCCTGATGCTCGTGCGAAGATCCTGTCTCTTTATCTAGGGTTTATGTGGAC
AATCTGCACGCGGATTTAGCATTCCATTATCCCTTGCGGCGAGTCGGATGAATCCTGAC
ACCATCACACAGCTGGTACAGGAAGCCAGTGGATCGGAGCATATTCTCAAGGCGTGACC
GCAGCGGTCAGGCCCTAATTGATGGCGAAAACCCTACGGAGGTAATCAAGGCTCCTGCG
CCGGTGGAGAATTTTCATCGTGCAAGGCGATTTACCATCATGGTTCCAGGACCACTAACC
CCTGCGATGCAAAAAACCATGGATTTCGATCGCATCGTTGGAATCACCTGGTTTGGCCTCG
GTGTATCGACTCAGCGAGAAATCCATCAGGCATGCTCTGGATCTTGGGCTCACCAACCCG
GAAATCTTGGAGTTTCTCAAAGAACATTCCATGACAGATCTGCCCCAATCTGTGGGCTAT
TTGCTCAGCGATATCGCCAGAAAGCACGGCACCTCCGAGGCGGCCCTGCACTGTCTTAT
ATCCGTAGCGACGATCCCGCTTTGCTGCATTCCGCAAGTGAGGCGGGCGCCGATGTGGCG
CTTGGCGAGATCGCTCCACCGTTGCGATTGCTCAAGCACCCCTGCTTCAGGTGATCACT
GTGCTGCGTGCTGCCGGTTCCAACCTGTGGCAGAAGACGGCGAAGGCGCAAGTCTGAAT
ATCTCGCCATCCCTGCAGTGTGCCCGCAGCTTCCCCACCACAGTTGTTCCGGCACTG
GATGAAAGCCGGGTACAGGCAGCAGTCAAAGCAATCCGACGGGAAAATTCAGCATCTCAA
GGAATGTTTCCACACAGCCAACCTTTTCGGTGTGTCAGGCTGCAGTGGAGGGCAGCGC
ACGGTGACGTTGGGGTTCGTGATAAGCAAGGCGTGCCGTGCACCGCGTCGTCAAGCCT
TTAACCGTCAACGCCGGCAGGTGGACGCTGTGGATGAAGCCACAGGTGCGGTGCATCGT
TTCATGTTGCACAGGATCACAGAAGTAATAGTGGATAAC

>naRXA02187-downstream
TAGCCTAGAAGTGACATAATGGA

>naRXA02199-upstream

ACAGCTTAGTACGGATTAGACAATTCCTGAACCTTTTCATTTCGTAGTTTATTTCAACGCC
GCCTAAGCAACACAGGCAAAGCGCCACTAGTCTCGGTTCGC

>naRXA02199

ATGACTGACTCCACTCCGCAAGGCTCAACACCAGGCATGTCCCCTGAAGCTATCCTCAAC
GGCACCGGAAAGCCGTGGGAAGAGTGGCTAAAATTGCTTGACGACGTAAGGCCACCTCT
TGGACTCACACCCACATCGCAAAGCACATCGTGGACAACCTTTGATGTCAAGTGGCTGGTGG
GCTCAAGGCATCGCGATTGGTTATGAATACGAACGTGGCATGCGCAAACCCGGGATGACC
AGCGATGGGTTGCGGCCAATGCCTCCAAAACCTTAACCTGCCGGTCGAAAAAGTGTGG
AAGCTCTTCGGAGACGATGACCTGCGGGCGCAGTGGCTCGATCCCGCACTAATTGAGAAA
ACCTCCGCCTCCGAACCTAGAACATTCAATGCCAAATGGTTGGCCGATGATTCTCGAGTG
AGCGTCAACTTCACCTCAAAGGCGACAATAAATCCAGCTTCGGCATCCAGCACAGACGC
CTGCTGATCAAGACAGCATCCCTGTGATGAAAGCATCTTGAAAGAACGCATCGCTGCA
TTAGTTGAGGTGTCAAACAATTTTCGCTT

>naRXA02199-downstream
TAACATTAAGTTCCTTAGCCTTCA

>naRXA02203-upstream
CGATTCAAAGAGTTCACCGAGGTAGGAAACATCGTGGTCGCAGCCATTGATGCCCTCCT
GGGCGTGCAGCTCTAGGAAATTTAGGAACAATACATCTC

>naRXA02203
ATGACCATTTCGCGCCACTTTCCAGCCTTCCGTAGATGAATTCATCTCCACTCTCGAAGAG
TTTGCAACAGGTTTCATACCTTAAAGAGGACGAAAAGGAATTCTGGGACGAACCTTTTCGAT
GTCAAGGCACTTCCAGATCTTCGTTTCATCTTGGAAACTACCTTGATTCCCTAGATAAG
CTCGGTGAAGCACCAGACCTTGATGCTGTTAACGCCTCCGCTCAGTCCACCCTTGATGAG
CTGGAGAAGTTCAACACAAAGCACCACGGTGCTGTTGTTGAGCCTGAAGAAAAGAAGAG
ATCACTAAATTGATGTTTGATGCTGCAAAGCAGACTGGTGAGATGATCTTCTGCAGAG
GCTTTCCTGAGTTTGAG

>naRXA02203-downstream
TAAATTTAGTAGAAGTTTTTTA

>naRXA02206-upstream
GGCAGGATCTGCTGCTGCGGCTAGGAGGGTTATCTTTCATTACCCGATCTACCGTACT
ACCTTATGACCTCAGTAGTGTTGGTGGGCGTGAAACAGCGA

>naRXA02206
ATGGTCGGTTCAGTGTTTGCGGGTATCCAGGCTCGGTTTGGGCACCTCAACATGGGGC
TCGGGCACCGAGCTGGCTGAGGCAGGCGATATCTTAAAGGCGTTCATCAATCTGGTGGC
ACGCTTATCGACGCTCTCCCCAACTACACCACCGGCGTCGCGGAAGAAATGCTCGGCACG
ATGTTGGATGCGGAAGTCTCTCGTTCGGCTGTCGTCATTTCTCCAGCGCAGGTGTCAAC
CCCGCTCTGCCGCTCGGCCGACGTGTGGATTGCTCCCGCCGCAATTTGATTGCCCAATTA
GATGTCACCTGCGGGCATTAAACACTGACTATTTGGATTGTTGGTCTGTGGGCTATTGG
GATGAGGGCACCCACCGCATGAGGTGGCCGATACTTTGGATTACGCCGTGCGCACCGGC
CGAGTCCGATATGCCGCTGTCGAGGATATTCGGGTTGGCAGTTAGCGGTACCCACGCT
GCATCCAATCATGCAGCGGCCCTCCGCCCGCCCCGTGGTCTGTCACAAAATGAATACAGC
CTGCTGGAACGCCGCGCAGAACAAGAACTCCTCCCTGCCACCCAACACCTAGGTGTCCGA
TTCTTTGCTGGCGCTCCGCTGGGGCAAGGCGTGCTGACTGCTAAATACCGCTCCGAAATT
CCCCATGATTCCAGAGCTGCATCCACAGGACGCGACGACGAGAAGTCCAAAGCTACCTAGAT
AATCGAGGCCGCATCATTTGTCGATGCTCTTGATACTGCAGCCAAAGGATTAGGCATTAGC
CCCGCTGTCACAGCCACCACCTGGGTGCGTGATCGTCCCGGAGTGACAGCTGTCATCGTG
GGCGCTCGCACACATGAACAGCTGTACATCTTCTCAAGGCGAATCGGTGACTTTGCCA
ACACCAATCACACAAGCCCTTGATGATGTCCTCCCTG

>naRXA02206-downstream
TGACTTGGTCCAATTACATTCAC

>naRXA02207-upstream
GAATCGGTGACTTTGCCAACACCAATCACACAAGCCCTTGATGATGTCTCCCTGTGACTT
GGTCCAATTACATTCACTGGTAATCTGAAACCTTGTGAAT

>naRXA02207
ATGCGCCGTCGATCCCGTGTTGCCGTTTGGCTTCCCGCCACAGCTTTGCTGGCCTCAACT
GCACTTCTTTTAAAGTGCATGTACGCAAGGGGTAACGACTCCCCGGATATGGGCAAGGCA
ACTCCCGCTGTCTCCCCCGCAGCAAGCAACCCGGATGGCCAAGTAATTGAGTTCGGCAAC
ATCACTGACATGGAAGTCACTGATGGTGACATCCTCGGTGTACGCACCGAAGACGCACTC
GCTATTGGTACAGTCTCCGACTTCGAAGCGGGTAGCCAGGTGGAAGTGGACGTCGATAAG
CAATGCGGCGACCTGACCGCAACCGGCGGCACCTTTCGTGCTCCCCTGCGCCGATGGCGTT
TATTTGATTGATGCCAAGGACCCGGATCTGGATGAGTTGCGTGCAACTGACAAGCCAGTC
ACGGTGGCAGCCTTGACCAGCGATGATCAGCTTCTGGTGGGCAATGGTGAAGATGAAGAA

CTCACCATCTACCGCGAGGGCGAAGAGCCAGAAACCTTCACCGTCGCGGGTCCCAATACC
CAGCTCATCGCCGTTCTGTGTCATTGATCGCCACGACGCGTGTGCGCACCTGGAACGAA
AACACCACGATTCAAGATGTGGACTACCCCAACGACCGTGAAGGCGCGACCCCTTCGCGTG
GGACTCGGCGTTGGTCAAATGGCTGGTGGCGAAGACGGCCTGCTGGTGGTCTCTGATGAA
ATGGGTGGCCAAATTGCCATCTACAACGCTGATGATGTC

>naRXA02211-upstream
ACTGTCCGAAGTATTGGATCTGGTTCGAGGGAAGTGTCCGTAAACGCGACTAAACGACCCC
TGATTACACTTTCAGACTACAAGAACTAGACTAAGCGGT

>naRXA02211
ATGGTTTCAGTTCCTTTAATTTCAGCCCCGTCAGGGAGAAGCAGTCGCGCGCAGCTGAGCGA
CGTGACTTTTTGCAGGCCACCGGTCTTAAGCCTCAAGAACTGACCTCCCGAATGTTGGAT
ACCACCACTTCTCGAATTGGCAGTCTGGAAGGTTTCGACGGCGTGATTGTGGGCGGAAGC
CCACTGAATGCCACCAACTTTGAGTACAGCGATTGGCAACGCCACGTCCACCGCGAATTG
TCCTTGCTGATCAATACCCCACTGCCAACAATCTTTGTCTGCTACGGCAATACCTTTTGTG
ACCTTCTTCTCTGGCGGACAGATTGGTTCGACACACCCCGAAGATTCCGGCGCCACCACA
GTGTTGCTAACTGACGCCGGCAAACGAGACGTACTCACTCAAGACCTACCGGATAGCTTT
ACGTCCTTTACTGGTCACACGGAAACTCCGTA

>naRXA02212-upstream
GTGATGTGACTTTCTATCACCCCTTACTCACCCCATTTGCTTATTGAGTAAAGTCGGTT
CCCGCTCTTTCGTGAGCCCGACACTAATGAAGGTTTTAG

>naRXA02212
ATGATTCCAGAAAATATTGATCTCAAGCAGCTCGCTTCGGAGCTTGGTGATGATGCCGTG
GCAATGGGGGAGCACACAGGCAACCAGTTTCCGACTTTGGAAAAAGACCTTATTAATGTT
GTGACAGATGCAAAGGAATCAGATTTTGGATCTTTAGGGGTCTGATTCTTGATGAACT
CCAGTGATGACTTCCAACTGAGGGATATTGCGCAGGAGCTGTTGATTCAAACGGATCTG
GACACCGTTGTGGTTCGGGCTCCAATGTCGGCTGCGGTGGTGAGTGATGTTTCATTTCGAGG
GCGGCGCTTGAGTCAGGCGAGCATGATTTGCTTGGGACCACTGATTACGTGCTGGGAACG
GAGCTTTTGGTACAGGATGTAACGGAATCGACGGTGGGGAATATTGATTGGGGTCAATTG
CTGATTTGGGGGTTGGTTGCTTTGGCAATCGCCGTGGTTGTTGCGGGTGCGTCTGTGCGT
CGAAAAGCAATATCTTTA

>naRXA02212-downstream
TAAGTAAAGTTCTAAAGCTTTAC

>naRXA02216
GTAGCGCCCGCCCTGGACACGTGGTGTGGCAACGGGACCAACCTGCCCCATCCAGATG
CTGCGCGCCAAGAACACCTGGTCAGTTCAATTCCATGCGGATATGGATGCCGTAGGC
ATGAAAAACCGCATGGATTTTTACTCCAACCTACCGTTCTTCTCCCCAGAAGATTATGAC
CGCATCATTGCAGAGCTACCCCTCTGTTGACTCCATTTATGCCAACAGGGTGCTCCGCAAC
TTCGTGGAGGTCTGCGAAGGAATTCGTGTTGCTGATGGTGCTGAGCACCAACTCCCAAAG
CTTAAC

>naRXA02216-downstream
TAATCGAGGAGACTGGTGATTCTG

>naRXA02217-upstream
CCAAATGGGTATGGGCGCTTTTGACCATCGTCAATGGTGTGGCCCCGCTGCCTACTGGG
CTTTCGGCAGGAAAACTAAGAGTTGTTAGGGTGGCGCTC

>naRXA02217
ATGACTAATAAAACACGAGCTCTACTCATTGGTGGCCACGGCAAGGTGGCCCTCCTAGCA
ACCCCCATGCTTATCGACGCTCGGTGCAGGTCACTTCCATGTACCGCAATCCGGACCAC
AGGTCCGAAATTGAGGCGCTGGGCGCCACAACCTTAGAGCGTGACGTACCACTCAGC
GTGGAGGATTGGGCAGATCTGCTCAAGGACTTCGACGTAGTGGTGTGGAGCGCCGGAAC

GGTGGCAAGAACGGCGCGGATGCAACTTATGCCATTGATCGTGATGCCGCGATCGCATCC
ATTGATGGTGCAGCTAGCCTAGGGGAGAAGGCACCTCGCTACATCATGGTGAGCTACATT
GGATCCTCCACGCACACCATTTGATCCTTCAGCATCCTTCTACCCATATGCAGAATCCAAA
AAGGCCGCTGATGAGCACCTAAGCTCCACCAACCTGGATTACCTTATCCTCGCACCAGCA
GCCTTAACCTCTGGATGAAGTCAATGGCGTTGAGGTGATCGCCGATACCAACGAAGCAGCC
GCAGGCCGACCATCAAGAGTCTCGTTGCGGAAGTTATCACCGAGTTGGTGGTTTCGC
GACTTCCCACAAACCCGTGTGCTGCCTTTTCGTGGATGGCGAATCACCAGTCTCCTCGATT
AGT

>naRXA02217-downstream
TAAGCTTTGGGAGTTGGTGCTCA

>naRXA02218-upstream
CAATGATTTATATGTCTTGGACGAGCGATTAAATAGAGTTGGCATACCCCAAATGATAGA
CCCAAAGTGTGCTGTCCACCGCTCGTTGTAGCATGAACCC

>naRXA02218
ATGTTTGCAATCATGACTGTACAGGGCAGGACCACACCGGAATTATCGCCGCAGTTTCC
ACCGCGTTGGCTGAGCTAGATGTCAATATTACAACGTTTCCCAAACCATCATGGATCAA
TGGTTCACCATGATCTTGCACGTTGGTTTCGATGAATCGGTCTTGGATATCGCCACAGTT
CAGGAACGCATGAAGCCAGTGGAAAAGGAACAGGGCTTGGTTATTTCGTATCCAGTCTGAA
GCCTTGTTCAACGCGGTTAATGAGATC

>naRXA02218-downstream
TAGGGGGTGCACATGGATGATTT

>naRXA02219-upstream
TCAGGAACGCATGAAGCCAGTGGAAAAGGAACAGGGCTTGGTTATTTCGTATCCAGTCTGA
AGCCTTGTTCAACGCGGTTAATGAGATCTAGGGGGTGCAC

>naRXA02219
ATGGATGATTTTCTGTCATCGCTAGGTTTTACTGACCGTTCTCGAGGGGAATTCTGGAC
ACCATCGAGATGATTGAGAAGTATCGTCTTGATATTTCGCACCGTGACCATGGGAATCAGC
CTGTTGGAATGCGCGCGTGGCTCGATGGAAGAGACCGCGACGGCTGTTTATGATCGCGTG
ACGTACAGGCTGCACGTCTGGTTGAGGTTTGTGAAGGCATTGAGCGTGAATTGGGCATT
CCCATTGTGAATAAGCGCATCTCGGTGACTCCAATTGCCCTGGTGACTGCTGGTTGCAGT
GGCGATCCCGTTGACGTTGCTCGAGCCTTAGATAAGGCAGCAAAAGATGTCGGAGTGAAC
TTCATCGGCGGGTATTACGCACTGGTTGAAAAAGGTGGAACACCTCCGATATTCCGCTG
ATCCGCTCCATTCCCAGGCATTGAGCACAACCGATGTGGTGTGTGGATCCGTCAATGTG
CGCTCGTCTCGCGCGGTATCAACATGAACGCAGTCAATGAGATGGGCAAGGTGGTCAAG
CAAGCAGCTGAATTGACCAAGATCGCTCCGCCATCGCATGTGCAAAGCTAGTGGTCTTT
GCCAATTCTGTGGGCGATAATCCATTATGGCTGGCGCTTTCCACGGCATTGAGGAGCCG
GATTGTGTGGTCAGCGTTGGTGTCTCAGGACCAGGCGTGGTTAGTCGCGCGCTGGGCAAT
CTTCAAGGTGCCACCTTGATCAAGTCGCAGAAGAGATCAAGAAAGCGGCCTTCAAGATC
ACTCGTACTGGACAACCTGGTTGGTGGATGGCCTCAGAACGCCTAGGAGTTCCTTTTCGGC
ATCGTTGATCTTTCGCTCGCTCCCACTGCTGAAGTGGGCGATTCCGTGGCAAATATCCTT
GAGGTATGGGTCTTGACCAGGTGGGCACACATGGCACACCGCGGCACTCGCACTGCTC
AACGACGCGGTGAAAAAGGTGGCATGATGGCCTGCTCACGTGTCGGCGGCTTGTCCGGA
TCCTTCATTCCAGTTTCTGAAGATAAAGGCATGATCGATGCGGTTTCGCACAGGAGCAATT
TCTATTGACAAAGCTCGAAGCGATGACCGCATCTGCTCAGTTGGTTTGGATATGATTGCG
ATCCCTGGCGACACCCCGGCGGAACTATTTCCGGGCATGATCGCGGACGAAGCAGCCATC
GGTGTGATGAATCATAAGACTACAGCTGTGCGTGTTATTCTGTTCCAGGAACGTCCCT
GGCGATGAGGTAGATTTCCGTTGGCTTGGTGGTTACGCGCGGTCATTCCAGTAAATACC
GTGGGAAATAGTGAGTTTATTCACCGCGGCGGCTTCATTCCAGCACCCGTTACGGGTTT
AGAAAC

>naRXA02219-downstream
TAGGAGATCCGGGGCCTTTACCT

>naRXA02221-upstream

TTCAATGATATTTGCTCTGATTTTTGGTTCTCGTCTAATTTTATTATTTGTACGCCAG
CCATCAGACTTCATACCCACCAATTGAAAGTAAAGTCCA

>naRXA02221

ATGTTTACCGCATCCATTCTACTTATGAATTAGGGTCTTTCAGCAAGGGCTCCTACGTT
GAGATCAAAGGAACTTACTTCTACCCTGACACGCTAAATACTTTATTTAGAAATTCTGGG
GCAAAAGACAACGAAGAGTTCTTTGTAGACGTAACCTTGTTCAGAACAGATAATCCG
CATAGCACTCGAGGCCATGCCATTTTCAGTCCGCTGGAATGATCTCGTAATAGGACATATT
GCCTCGGATATGACTGAAAAATTCCAACAAGTGCGACGAGTTGCAGCTAGTGGCTACGAT
GCTCGAGTCTCTGCTCGGATTTGGACGAATACAACTATAAGAATGAACGAGATTTTTGG
GTATCTGTTAAGCTCCCCGATCCAGATTTCTTGTCTCTTAATGATCCTCCCATGAC
GGGTTTACCCTCCTCCCTTATGGAACAGCAATCCAAGTCACCAAGGAATCTGATCACATG
GACGTGCTCTCAGAATTCGTGCCTCCATCTGGACAAGGTCAGATTCTCGTATCGCTACAC
ATCATTAACGCGAGCGTGAGAAAAGAATGGGATGGCATTGAAGTTCGGCTCGATAATCAA
CGGATCGGAGAGCTTACAAAGGCCAGTTTCAGAAAAATTTCGACCCGCTAGTGCAGCATTTT
GATGACCTAGGACTTAGTACACTATGTCGTGCGCTCATCAAGGGGTCATCACTAGCTGCT
GAAGTAACCTATATGGAGCTCGTGCACATGAGCTTCCGAAGAAGACTTAGAACCTAAA
AGCTCTTCCCCATGCCCAGGTTGGTTGAATACCAGTCAAATCCGTTTAATTATCAAGTC
CCCAACAGGTGGCCCGGCGAGCAGAATCAACGTGCTCCTAAGTCGCAAAAGTCTTCTTCA
TCACCTTTCGAGCGTATCGCGGGCCATCGCAACCTAGTAAATCACTCACACCGTTTGTA
GCGCAGACACCTGCGCCTCAGCCTAGTGATCGATTTATTGATTGGGATTCAATTGCTTCAA
CCGGACGGAACCTCAAGAGCTACGCCATTCCAAAGAGGAGTAACCCGCGGGTTAATTGGC
AAGCATTTTTTCGAATCAAAAATCTCCAAGAATTGACTTTGCAACGGTGGGGCAATGTGAT
GCAATTCTCCGAACCTTCGGAGAGCCGACCGACAAGCTTTATAAAGACGGCAGGACTTCT
TGGCCTTTGTGGTGGGCGCTCATGGCGATAGTACCCTTCTCGTCATGTTGCTGAACCTT
ATTCCAGGAATTGGTCCGATCTTCCCACTTATCGGATTGATCGTACTTGGTCATCACTTT
TGGACTCGCCGAAAACCTTAACCCACCATTTCGGTAGATCAAAA

>naRXA02221-downstream

TAGATATTCTCATCAATATCGC

>naRXA02223-upstream

CTTGCTTTTGAGGGCCGCTACGCGCAGCTGTATCAACGATGGAGTGCTCAATAGTTCAAA
TCCACCACAACTCTAGAGATTTGGGGTAGAAACGAAGAC

>naRXA02223

ATGAGCACCTACCAAGACGATCGTTTCCCAGGCCCAGACCCCTACGCACCGCTTGGTGAA
AAGCCAAGCTTTACCCTCACCTCCACCGACTTGGAACCGGTGCAAGCTGGCCGAAGCC
CAACTCGGTGGCACCAGATATTTCCCCACAGCTGTCTGGTCAGATCTTCCAGAAGGCACC
AAATCCCTCGCGATCACCTGCCTCGACCCAGATGCCCAACCGGCGCTGGTTTCTGGCAC
TGGGCAGTGTTTAACATCCCCACAACCTGTCACGGAGATCCCCACCGGTGCTGGCGATGAA
ACCTTCGGCGGCATCGAAGGCGTAGTTTCCCTCAAGGGTGATTCCGGCAAGCGTGGCTTC
TACGGAGCGCAACCTCCAGCTGGCCACGCACCGCACCGTTACCTCTTCGAGTTCATGCA

>naRXA02226-upstream

CTGACACCTCTATGGCAGCGGTATGTTTAATAAACGTAATTTCGAGTTTCGGCGGCCGT
GTCGCGCGGCCAGGACGACCCTAGCTTTTAAGGACCCACC

>naRXA02226

ATGACTGAGAACCAGACTCCCAGCTCCACCTCTGCACCGAAGCCGGGACCTCGCCCGGGC
CCACGGCCAGGACCCGACCTGGGGCTCAGGTTGCTGCAAAGAAAGCTGCGGTTGCTACA
CCTGCGCCGATCGCCAAAACCTTCTAACGATCCTGCAAAGTTTGGTCGCGTTGAGGCAGAC
GGATCTGCATATGTCACCACCTCTGCTGGCGAGCGTCTGATTGGTTCTTGGCAGGCCGGC
ACCCCTGAGGAAGGTCTTGCTCACTACGGCGCCCGTTTGGATGATCTGGCCACCGAAGTT
GAGCTCATGGAACAGCGCCTAATCTCCCACCCTGATGATGCGACCTCCATCCGCACGAAG
GCTGAAGAACTCAAGGCAACCCTGCCACCATCGCTGCGATCGGTGACCTTGATGGCGTT
GAAGCTCGCCTGTCCAAGATCATCAACAACCTCCGAGGAAGCCAACGAGCGCGCCAAGGAA

CAAAAGGCTAAAAACCGTGAGCGCGCAGTAGCTCGCAAGGAAGAGCTCGCTGTTGAGGCT
GAAACCTTGGCAGAAAACCTCCTCCGACTGGAAGGTTGCTGGCGACCGCATCCGCGCCATC
CTGGATGAGTGAAGTCCATCCACGGCATCGACCGCAAGACCGATGATGAACTGTGGAAA
CGCTACTCCCGTGCGCGTGACTCCTTCAACCGTCGCCGCGCGCACACTTCGCAGAGCTG
GATCGCACCCGCGCATCTGCACGCAAACTCAAGGAAGAACTCGTTGAGCGCGCCAATGCT
CTCAAGGAATCCACTGAGTGAACGACACCGCCCCGCGCATTCCGCGATCTCATGACCGAA
TGGAAAGCCCGCGCGCACACGCGAAATCGACGACAAGCTGTGGGCAGCATTCAAG
GGCGCCAGGACTACTTCTTTGATAAGCGCAACGCCGTAGCCAAGGAACGCGACAGGAA
TTCGAAGCCAACGCAACCGCAAAGCAGCAGCTCATCGACGAATACGACGCACAGATCAAC
CCCGAGCAGGGCCTCGATGGAGCGCGCAGCAAGCTC

>naRXA02227-upstream

ACCGCGTGCCATAGGAGGTGTGAGCCAGATAGGGTGCACTATCTTGAAAAACCGCGCTCA
GGAGAGGTGTTGCCCAGCAATTTGGTGGGAGGATAGG

>naRXA02227

GTGGAAGACGTGAATGCAACGCTGATTATCATGCCTGGAAGTCCGGCGCTGGTACCTGAA
CTGGCACCAGCGGATGCTGCGGGGGCGCGCTTGTGGCGTCGTTACGTGCAGTTTTTGAT
GCGGAACCTGGCTAATGATGATCGCCGATCGAGTTGGTTGGCTCCCGGGATGAGGCGTGG
TTTACCAAGCATGCGGGAAATCTGCGGGCCTGGGGTGACCGAGCGTGCAGGTTTCTGAC
GGACATTATTTGCCGGAATTTTGCAGCGTGTGCGCTGGGTGGTTTCGAATCGCGTGTA
ACTCATGTGCGCGATCGGTTGGGTAGCGTCAACGACAACACGGTTACGGTGCTTGCCCTT
GACGGCCCCACGGGCTTGACCAACCGCGCGCGTCCGCACTCGTGCCCGCGCGTCCAAAC
ATCGACGCGCTGGTGGCGCTCATTGCTGTCTGGAAAGCCCGGGGAAGTGGCCAGCACCAGC
ACGCTTATCGACGCTCCCTCCGCGAACCACAGCTCTGGCTCGACTTATCCGCGTGGCA
ACAGAAGCGTCAACTGCTCAACTTCTCGACAGCGACGACACACACGGCGTGGGACGCTAC
GTTGCTCGCTGGACTTTT

>naRXA02227-downstream

TAACTTAAGGGAGATCTAGATCG

>naRXA02230-upstream

CATCGCATAGAATACTGGTGCAATCGTTTACGTTGCTATTAATGTGACACGTATAAGCC
GACACTTTTAACGAAGCGCAGAAGGAGTGAGAGCAAGAAA

>naRXA02230

ATGGGAGAACAACTTCCGTTTGCTAATGGTTCACGCTCCAACAACTGCCGCTCATCGTC
ATCGGTTTGTGCTGCATAATGCTGATCCTGTGGCTTAACTTCCCGCGTACTGCTTGCC
ACCATCATTGGGGTTGCCACGATGAGTGTGATGCGGATGCGCACCTCCACCCAGAACT
GCCTCGCTGGTTACTTCTATTGCGCTGTCTGCGGAAGATATTTCCGATGTGCAACATGAG
TGGCAGCAGTTTTTGACCTCCCCGAGGCGGATGCGCTGGCTGATCGCACGCTTGTCGT
CCCGCACTGGCGGATCCAGATTGTGGCGATAAGGCTATCGAGAAATTTTATTATGAAATC
AGCAATGCCAATCGCTTCTTGGGCAGGTTGGACGCTCGTCTGCAACAAACCTCGTGGTC
AGTGAGCTAGAAACACTTCTCAAAGTAACGGACGAGCGCGCACTAGAGCTGCGGGAAACG
TGGCTGGATGCGCGTAAAGCGGCCAGAACTTGGGCCGAATACAATCGCGAATCT

>naRXA02230-downstream

TAGATCTGCACCTACCGAGTGC

>naRXA02231-upstream

TAAACACCTAAATTGAGCGCTCTATTCCATCAACGCGGGGGCAATTTCTCACGTGTAGGA
AAAGTGACTATTGCCTGTAAAGGGAGTTAGACTAATCGCC

>naRXA02231

ATGACTAGCGATCTGAAGACAATCGGTATGGATTTGCCAAGTGGCAAGATGCAGTGGAA
GCAGCAATTGGCTTACAGCGTCTCGAGGTAAACAGGCGAGGTCCGTGGCGGCCAGCTCATC
CAGTTCTCGGATGATTCCGGCGCCCAATTAACATTCTGGCTGTGAGCCTTTTGCCACC
TTCGCCGGCTTTAACTCCGCAACAGTGCCTTACGGCCACGTCAGCATGATCAATGATGTG

CTGTCCCTGGTCGATATCATCGATCCTTTTCGGCACCCCTGTTGCCACCATTACCTGCAAC
 CTTGCTCAAGGCCACTGCTTGTGATGAACCACTGCAGCGCTGGCAGCAGATCCGCATT
 ACTGCCCTGGGCATTGATGTTGAGGTCCACGACAATGCAGATGCTTACATCCGCAATGGT
 GGCAGAACTGTCGGCATGCTGGTTTCTGAAGGTGCAGAGAAGATTGCCAGCGGCAGCGGC
 GCTGTATCCCGACGCATCCGCAGAGTTTTCCGCACGCGTGTGTCTGCGGAGTACCGC
 ACCAACACTCTTACCGGCCAGCGTTTTATCCACGCAACAGTTGATGGCCTCTTCGCTTTT
 GATGTGTGCCTTCCGTGATGCACCAGAACTACCTGCCCGTGACAGCGTGTGTCTGGCAAA
 GTCATGCTGACTGCTGCCGTTATCCCCACTGAGGTCACCGGCTGCGGTGGCTCCGGTGGC
 GGCTGTGGCTCAGGTAGCTGTGGCTGCGGCGGACAC

>naRXA02231-downstream
 TAAAATTCTGCACAATTTTTTAA

>naRXA02238-upstream
 GGCGCTTAGCCAAAACATAGAGCGGTAGGGTATGCTTATCCGATTGAGCAACCTTTCCCG
 CTCTTAACACTACTGTCCATATACTTTTGAAAAGGTGTCA

>naRXA02238
 GTGACCAACGTGAGCAACGAGACCAACGCCACCAAGCCGTCTTCGATCCGCCAGTGGGC
 ATTACCGCTCCTCCGATCGATGAAGTCTGGATAAGGTCACTTCCAAGTACGCCCTCGTG
 ATCTTCGCAGCCAAGCGTGCGGCCAGATCAACAGCTTCTACCATCAGGCAGATGAGGGA
 GTATTGAGTTTATCGGACCATTTGGTTACTCCGCAGCCAGGCGAAAAGCCACTTCTATT
 GCTCTGCGTGAGATCAATGCAGGTCTGTTGACCACGAGGAAGGT

>naRXA02238-downstream
 TAAAAGACCTTATAACTTCACAC

>naRXA02244-upstream
 CACCAATTGTTCTGGCAATATCCAACCCCGGGAAAGAAAATGATGAATGCAGCAGACT
 GGGCGCGTGGTGTCCAAGTATGATCAGGAAGCGAAATCCA

>naRXA02244
 ATGAGCCTAGAAAAATCCGGCGGATTCCGCTCCAGGACTCCAAAAGCGCAGCAGGAACCT
 GCTAAGCAGAAGCCGAGGCGGTAAATCTCCGTCAAAGAAGGCCCGGCTCGGGGGCAG
 GGGCAGAGTCAGGGGCAGCGCCAGGGCCAAAGCAGTGGCAAAGGCGGCGAAACCGCAAG
 CCCCCTGCGCAGGCCAGGGAAGTGAGGGCTCTGGGCGTCGATAAGCCGAGAGAAATTGCG
 TTTGAGGTGCTTGATCGTGTGCGTACCGGTGAGGCGTATGCCAATTGGTGTGCCACGA
 CTGCTGAGCAAGCACAATCTTTCTGGCCGTGACGCGGCCTTTGCTACGGAAATTACCTAC
 GGCACCTTGCGTAATGTGCGCTTGCTGGATGAGGTCATTAAGGCTGCATCTGGGCGTGAA
 CTGTCTGATATTGATCCAGAGGTTTTGGACGTGCTGCGTTTGGGCGCGTACCAGGTGATG
 TTTACCCGCGTGGAGGATCACGCTGCGGTGATACCTTCAGTAAAGATGGTTCGTGGGCTG
 AAGAAATTCCAGGCCACTGGTTTTGCCAATGCAATTTTGCACAACATCACGCGCAAGGAA
 CCAGAGCAGTGGTTGAAGGAATTGGAGCCCGCGGAAGAGTTGGCTCGCGTTGCGTTCCGT
 ACTGCGCACCCACGTGGATTGCGCAGAGTTTCTCACAGGTGCTCCCGGCAGATGAGTTG
 GAAGCAGCGCTTGCTGCGGACTCTGAGCGCCAGTGGTGCATTTGGTGGCTCGCCAGGT
 GAGATCAGTGACAGGAATTGGCGCTGATCACCGGTGGTGACGAGGGCAAGTATTCCCCA
 TACGCGGTGTACCTCGAGGGTGGCGACCCGGGTGATATTGAGCCAGTGAAGGATGGTCTT
 GCAGCAGTGCAAGATGAGGGTTCTCAGCTGATTGCTCGCGCTTGGTGGAAATCCCCGTG
 GAGGGCACCGATGCCGCGCTTGCTGGATATGTGTGAGGTCTTGGCGGTAAAGCGGCG
 CTCATTGGTGCCTTGGCTCGCATGGATCGTGCCACCGTTGATGCCGTGGAGGTCTCTGAT
 CACCGTGCCCGACTGATTGAAAAGTCCGTGCGTGGTTTGGCCGTCAAGGTTTATGTGGGC
 GATGGCCGCACCATCAACTTGACCGGTGGTTACGATCGTGCGCTAGTCGATGCGCGGTGT
 TCTGGTTTTGGGTGCACTGCGTCGTCGCCCTGAGGCGGTGGCGCAAGCAGGAAAGCGAC
 ATTGTTGAGCTCAACACCCTGCAGTACGAGCTGCTTGAATCCGCTGTGAACAAGGTGCGT
 TCCGGTGGCGTGATTGTGACTCCACATGTTACCTGATCTGCGTGAAACCCGCGGAATC
 GTGGACAAGGCACTGGGGGCTCTGGAGATCGAAGAGCTTGAGGCTGCGGAGTTCATGCCA
 GGCATGACCGATACCGCGATGAGAAATCAGTGCAGATGTGGCCACACCGCCACGGCACC
 GATGCGATGTTTGTGGCAGTGCTGCGAAAGAAG

>naRXA02244-downstream

TAGACCTGTGAGCTAAGTGGGGT

>naRXA02254-upstream

TTGATCGCCGATGCCGAAGAAGGCGGATTGTGGGAAAACCTCCTGCAGCACCGCTTCAGG
TGGACATGGTGCCTAGCTGGTCACGCCTTGGGAAACCTC

>naRXA02254

GTGATCGCGGCGTTGACCGACATTTTGGGCACCTCCCAGCATGCGCTTGATCAAATCGCT
CAACTCGCTGGAGCCAAAGGACGCATCATCCCGGTATGTGCTGAACCTTTGGATCTTGAA
GCGGAAGTATCAGGTCTAGACTCTGATGCTCGAGTCATGCGTCAAGTTCGTGGTCAAGTG
GCGGTAGCTGCAACCCCGGGCAGGTGCGACGCGTTCGAATCATTCGCGACAATCCAGAA
CCGAACCCCGCTGCCATCGAGGCCATTCTCGATGCAGATTTGGTCACCTTGCCCCAGGT
TCCTGGTTCTCCTCTGTGATTCCACACATTTTGGTCCCAGGGATCGTTGATGCCTTGCGG
CAGACAAAAGCAACCAAAACCGTGGTGTAAACCTGACGTCCGAGCCAGGGGAGACCGCG
GGATTCTCTGCAGAACGACACATCCATGTGCTCCGCCAGCATGCTCGAAACCTTCAGGTT
GACCAAGTCATTGTGCGATGCCAAGACACTGTCTCACAACCGAACGCAATCATGTAGAA
CGAGCTGCTCGCACCCCTTGGTGCAGAAGTCTCCTTCCATGATGTCCAGGCTGAAGATGGC
CGTGGTTCGATTACCAAGTATTCACGATCCAGCAAAGCTGTGTGCAGCGTTGCTGGCAAGT
TTTGCTGGAGCACGAAAGCGT

>naRXA02254-downstream

TAAGGAGTAGGCGTGTCACCTGAC

>naRXA02255-upstream

GTGTGCAGCGTTGCTGGCAAGTTTTGCTGGAGCACGAAAGCGTTAAGGAGTAGGCGTGTC
ACTGACGAGTGATATCAACAAGAATTGGCGCAGGTCCAT

>naRXA02255

GTGGCCAAAACAGTGTTTCGTGCTGCGGAAGTGTCTGCAATTTTAAGGTTTGCTGGTGAG
ATGCAAGCTGTGCGCGGCAAGCTGGTCATCGAAGCAAATTTGGACAGCATGCAAGTCGGT
ATGAGGCTTCAGGAGTTTATCCAAGGTTTGTACAACTCTCGAGTCGATGTGCACACCGTG
AACCCGACTGTGAGCAGGAAAACGCCACGGTATTTGGTGCGCATCATTGACAAATGCCGAT
GAAATTGCGCGACGACCGGACTGGTCACCAAGTCTGGACATGTGGTTAAAGGTCTAGCG
CCTTCTGTGGTCAGCGGAACAATCAGTGACGCTGAAGCTGCATGGCGCGGTGCGTTTCTA
GCCAATGGATCTTTAAGTGATCCAGGTCGTTCCCTCTTCGTTGGAGGTGTTGTGTCCTGGT
CAAGAATCAGCATTGGCACTGGTTGGATGTGCGGAAGAATTGGGATCGCGGCGAAAACG
AAAGATTCTCGAGGATTTGATCGCGTCAATGTTTCGTGATGCGGAAGCAATTGGGGCACTG
CTCACTCGAATGGGTGCCCCAGAAAACCTCGCATGTTGTGGGAAGAAAAACGCATCAAGCGG
GAAAGTCGAACCTCCGCAAACCGGGTTGGCCAACTTCGACGATGCCAATCTGCGCAGGTCA
GCCCCGAGCAGCAGTTGCCGCTGCAGCGAGGGTAGAACGCGCCATGAAGATTCTTGGTGAT
GATGTTCTTGAGCATTGGCTGAGGCTGGACAGCTGCGTGTGCAGCACCGTCAGGCATCG
TTGAGGAGATTGGGCCGGTTGGCTGATCCTCAAATGACCAAGGATGCTGTGGCCGGTTCGT
ATTCTGTCGTTTGTGACGATGGCAGATAAGCGCGCCGAAGATCTGAAGATTCTTGATACA
AATTCTGTTGTGACGGAAGATTTGTTGGAAGAAAT

>naRXA02255-downstream

TAGATGATTGAAGCCTAAAAACG

>naRXA02266-upstream

GAGGAAAGTAGCGTACATCTGCATATCTACCCCTTAAAAATGAAGCATAAAACCGCCG
TGTACCGGCCCTTTTATTGATTTTGACGTAAGCTTGACCG

>naRXA02266

ATGACTCAAGATGAACACCCCGACAGGCCGACTCCCATTTCAACATGCTTTTACCGGAT
GGAAATGAAAACGCACACCAGCTTTCTGTGCTCTAAATCAGGTGGCACATCTGTTGGCC
TATGATGCGGACTCTTCAATTCATCGGCCTGATGGGCTAAGTCTGGCGTCTATAGAATT
CTCTTTTACTGTGGACTGATGGCCCGATGAGTCCACTCCAGGTGACTGACAAGACTGGA
ATGAAAAAGTCTGCGATTTCTAACCTGTTAAAGCCATTGCTCGCTGAATCTCTGATTGTG

CAGGTGACGGCAGAAAAATGATCGACGCTCAAAGGTTTTAAGCCTTAGCGAAAAAGGCACT
 ACATACATTGAGAAAAACAGCCACCCGCCAAAAATGCTTTGGAATCCGAGTGGTTTGGCACC
 CTGACCGACATCGAGCAGGATTTATTGGAGTCGTTGCTCAGGAACTGCTCGACTCCAAC
 CGCGCATCCAAGTTTCGTAAAAACCGATCTAAC

>naRXA02266-downstream
 TAGCGTCGATCCTTAGGGATGTA

>naRXA02267-upstream
 TGCGCTCGGCAAGTGTTTTGCTTATCGACGCTCTCCCCACATAACAATCCCAACTCGAAGC
 ACCAACGATTCAAGCCTTATCAGTTTTGTACAGGAAAATA

>naRXA02267
 GTGCAAAAATGGGGTTTAAGCTTCGTGGAGAGGATTGTCATCGTGAACAACGTGCAACAG
 TTTTCATCGATTTTTTGATGATTCCGCAGTCTATTATCCCTGCTTCGTCCCGCTTGACCGA
 GCCATCGGCGAACACTTTGATCGTCAGAACAAACCGATGTCCAGATTATCGGAACGCTC
 ATTCTGCCGTTAGCCAAACTGGAAGAAGCCGCCCAATACACCGGCGATGAAGTCCTTCGC
 GTGTGCGCAGTAATCAGTACTGATGGGCTCGCTGATCTGCGAAGGGATTTTACGAACTC
 CCAACATCGACATCGCCTCGGTGGAAATCAAGCTGGTCGGCGCAGCCCTCACCACACC
 GCTTGGTTGGGAGATGTGGAAAACTCATCCAACAACATCGCAACACTTTCGTATGGGTT
 GAGATTCGACAGCCCTGGTCACCGCAGATATTGTCCGAAAACCTCGCCACATGGGAGCT
 GGCCTGAAATACAGAACTGGAGGTGATAGGGAAGAGCTCTTCCCTCACCAGGACTTG
 GTCATGTGCTGCGCACCGCCATCGATGCTGCATTGCCGTTTAACTCACTGCAGGCCTG
 CATCGTGCTCTCAGGTATCGTGACGAGAAAACCGGCCGACTTCACTTCGGATTCTCAAC
 ATTGCAGCCGCCGTGGCGACACTTCGTGCTGGAAAAGGCGAGGCAGAGGCACTGAAGATC
 CTTGAAGGCGATGATGCCGCTCCGCTTATTACGCACTACAAAGCGGCGAAAACCTGGCGG
 GATTCTTCCGCAGCTTCAGTACCTGCAATGTTGTTGAACCACTCAACACTCTGATTGAT
 CTTGATGTGTTGGCGGAAGGAGACGTACATCCC

>naRXA02267-downstream
 TAAGGATCGACGCTAGTTAGATC

>naRXA02271-upstream
 CACTCCCCTATCCTAAGCCACATCTCGGTTTATTAACTGTTAGTGAATTCTCACCCGCA
 ACACTGGTGTATTTAGTTACATCCGTATGGTTATTGGTT

>naRXA02271
 ATGAGCTTTCTTAACTCTGCAAAAACCAAGACCGTAGCCCTCACCAGCAACCTTCGTTGGT
 GCAGCAACCCCTTGCAACTCCTGCAATCGCATCCGCTGACATCGTCGACAACGCCCTCGCA
 GCCCTCCCATCCGTTGAGATCAGCTGCTCCCAGGCTGAAAAGTACTGGACCACCGAAGCT
 GATTACAACAGCAAGGTTGCACAGGCCAACGCCCTTGGAATGTTTACTCCCGCGGCCCA
 CAGATCCAGGCAGCTCTCGACGCGTTGACGAAGCAGCAAACCGCTGCGGACTCAAGGGC
 GGCACCGTAGCTGCGCAGGCTGAGGCAACTGAGGCTGCGCCTGCCGCTCCAGCACCTGCA
 CCGCAGGATAACACCGGCACTTCTCAGACTGCCCTGCCCGAGCAGCACCAGCAGACCA
 GCAGCTACCCCTGTGGTTAACCTTGACCTGCAGGATCACCAACTTTCACCATTGAAGTT
 CCAGGAGTTGGCGGGGTTTCAGCTGCCAGATCTATACCAATCGTCCAACAGTTCTTGGA
 CAGTTCGGAATCAAGATC

>naRXA02271-downstream
 TAAATCTATTCACATCCCTTAAC

>naRXA02279
 NCNGCCAGGGCTACCGCGCTTGTCGATTTCTTGGAATCCCAGACTGTTGACCAGCTGAAT
 AACCCCGATGTCCAGACTTACCTCACCGAAGCGGAAGTATTCGCGATGACTTGAGGTCT
 TGGGCAGTCATCAAATCAAATGGCATTGGACAACATCGATCTTGTTCATACGGCGAGGA
 AACGACGAGCCACTTGCAATCGCCCCGAAGATCATCGAGGAAACCGCTTCCCATCCTGAG
 CTGAGATTCGAAAACCTCGAGGCCAGTTCTCCGAGTTCACCATCTTGCTTGCTCAAAGC
 CCGGAGAACCTCGACGTAGCCCGCTACCAGGAGCTTCGTACACAGGGAACTTTGTTCAA

GAACTCGCCTTGGACAGCATTTTCGGCCAACATGCCGTTGTTCAAGACACCGGAAACGGC
 GAAGCCATCCTAGATGAAACTATCGGGTACATGATCGGCGCCGGCATGCGTGAAACCACT
 GCGCGCACCGCCAGCAGTTTCGCGCAGCTTTACTCATTTGTGGGCAGGCAGGAACGCTCC
 ATTTGAAATGGCAGCATCGCTTTTCGAGGAACCTCAAGCGGCAGGACTTCCCCACCGTGAG
 GAAGAATGCGATTGGGCATGCAACTCGCCAGGTTGAACCAATTGAAGCCCCGCGAAATC
 CTGGAAGGCTGCTGCTGCCTAAATTCGAGCAGAATCTGACACTTGATGAACTTGAACT
 GAAGCACTCCTTCCTTTGGGTGCTACCGTTGCTATCCACGACCCCCAGGCTGCGCGAGCA
 ATTTTTCGCCACGCTCGCGAAAACGCCGAGGTTTCGGCAACTTCGAACTCGCAGTCCAA
 GCGATGACCATGATCAGGATGTCTCTACACCCAAAACATGCACGAGCAACTGCTGGAG
 GAGCTCAACCACTCTCTCCCTATGCTCAAATGCTTGATGATCAACACCAAGCTGAACTG
 AAAGTGTGGACAGCATCGCCATCGTCCAGGCAGACCTCGGTTCCACCGAAGCGCTGGAA
 ACCCTGGGCACCGCAATGGGACTCGCAGAAACACAGCTCAGAAGCTATACGTGCAGGAA
 TCCCTCAACCGCGCATACTTCACTTTTGGCCGCCCTGAAGATTGCATCAGCGGAGCAGCC
 GACGCTTCTGCCCTGGCCATGCAAAACGATGACCCCTTCCAATGCAGCTGCCAGTTGGAG
 CAGTGTGCACAGTCTGTTTCCAATTGGGCCACGAAACTGACGGCGCAAGCCTGCTGGAA
 TCTGCATTTCAGGTTGAAGGCATCCCCACTGAGCAGGCACTGTACTACGCAATGCACTG
 TCTTCCATCTATGAAGATTTTCGGCGATTCCGCGAAGTCGCAGTACTGGGAGCAGCAGGCG
 CAGGAAAAGCAGCAGCTTCTGGAG

>naRXA02279-downstream
 TAACGGCCGTTTAAAGAGTCGAA

>naRXA02280
 GCGGACCTGGGTGAAACCATGTTGGGTCTTCTCACCTTGGAGACCTCCCGTGGTGCATC
 TCGATCGGTGAGATCACCACGTTGTCCATCACCGAGGATGTGTGCTGCAGCTGGCTACC
 ACGTTGGATGATTTTCAGGCAGCTCAACACCATTCGCGCGCCCGACACCTTGATTATTAAT
 GCGCGCTACATTACGACAGCGATCTGGCTCGGCTCATTCCCGTTCACTACCCACCGCTT
 ACGGTATCTACTGCTGACCTGCGCGAATCCATGGATCTGATGGAGCTTCCGCCGCTGCAG
 GACATTGAGAAAGCCAAGGCACTGGATGCGCAGGTACGGAATCATTGAAGGATTTTCAG
 ATCAAGGGCGCAACGAGGGTTTTTGAACCCGAGATGTTTCTGCCGTGGTGATCATTGAT
 TCCAAGGCGCAGGCTCAGGGATCGCAATGAAACACAAAGCGCAACCACTGATCGTTGG
 GCTGACATTTTGGCAACGGTGGATAACACGTTGAGCCGTCAAACAGCCACATTCCACAG
 GATCAGGGACTGTCGGCGTTGTGCTTGAATTGGAACAATTCGCTGGTCAGGAAATTGGCG
 TCCACTGATGACACCGCCGTGGTGTGCGGCACGGTGCCTTTGCTCTACGTTACGGCATTG
 TTGTCCAGCAAGAGGCCACTGCGGGTGAAGGAACGCGCGCTGCTTAATGATTCGCTGGCA
 GATCTGGTTTCTTTGTCTTTGTTCATCCGATATC

>naRXA02280-downstream
 TAAGACAATCCTCCGCTAATCTT

>naRXA02285-upstream
 TTAGCTTGTGACGTCCCCCTCTTCCAACACCTCCGGCTTTGTTTGTTTTCCAACCAAC
 CGGGCTCTGCTGCGGTGGCGACGGCTTTTGTGGCCCACTG

>naRXA02285
 TTGGTTTTGGATGAGCGCTGGGTTGGTGTGCGGGCTCGTTGATAAATGGGACGAGGGGGG
 GTCGAGAAGCGTCTTTGCTGCGGTCTTGTGTGTTGGGGCCGGGCGGGGCACGTC
 GATGAGCGTGCGAGGTGAGATATGGAGGCGGGAAGCGGCTCTCCTCTCGCTTGAAGGA
 CGGGTTGTGCGGCTCGAGGTGGAAGATGGCGGACATGAAGTTTTCGCTCGCGCGTTTTTC
 CTCGAGGCGGCGCACGAGGTAAAGAAATGGCCACGTGCAATTCTTGTGGGCGCACGGCTGG
 TACGTAAAGCAGCAGCTCACCGACGTCAACGCTGACGGCGCGCGCTGATCGGACGCCAT
 GCCCTGCAGCATTTTCGAACTCCACACGGTCCGCTACCCACGCTCCACAGAGAGCAAATG
 TCGCAATGCTATGTCGAAAAGGTTGTGGCCGGCAACGCCAGGCGCAGGCCCTCCATGTT
 TTCTTTGCGCATCGTCCAATAGAGGACGCGCTTGAATTGGCATCGGTGGCTTGTGTTGGA
 AGGTTCTGTGGCAACTGGCCAGCCGGTGATCTGCGCGTGGACGTGCTCCATAGGCAAATT
 AGCACCTTGACCAGGCGAACCTTAACGCCGCCCGCCGCTGTGTTGACGCGCTCGCGGCC
 GAACTGCGCCAAGTCTGGATTGCACCGAGGGCATCGGGAAGGTACGCTGCAACACAAT
 TCCGGCTTC

>naRXA02285-downstream
TAGTTCATGCAGCTCTGGATTGG

>naRXA02286-upstream
GCAGCGCACACGCTTTCCCTCAGCCTGCTGATACCCCGTTTTGCCACCTAAAAACAACC
TCTCATCTTCATTTTCATATTCACCTTCATAGGGTTGAATAC

>naRXA02286
ATGAAGAACGCAAACTTTTCCTCGCGCTCATATCCGCTCCTCTTATCCTCGCTGGCTGC
AGCTCCACCGATACTGGAACAGCAGAATCCACCATTTCCAGCGAACTGCTTCTGCAGTA
GATGCCACCACTTCTACCTCCTCAAGTACCGCCACCTCTGCCGTGATTGATGACGATCCG
GTATTCGACATCATCGACATCGTCCTTGCCCAATACCCGACAGGATCATCACCGACATT
GACCGCGAAGACTCCTCCGATCAATACGAAGTCGATGTTGTGGTTGGCCAAGAAGTCCTT
GAACCTTGATGTCACCACCAAGTGGCCAGATCCATACCGACGACCGCGACAACGATGATGAT
GACGACATCCGCGAAGCTCACGCAGCCACAGTCACCGCAGCTCAAGCCATTGGCCTAGCG
CTGGATCAATACCCAGACGGAATTATTGATTCTGTTGAATTAGACGAAGACGACGGCCAG
CTGAAATGGAAAATAGACCTCGATGACACTTCCGGCAATGATCTTGCTGACGTTGAAATC
GCAGCAGTT

>naRXA02286-downstream
TAAGCACGCGCACGGAAAGCCAC

>naRXA02287-upstream
TTGAAAAAGGAACATTAGTGCCAGTAACAAGAGCCCAGTTGAATTCAAGCGGGCAGAGAC
ACATCTGGCCCTCAAATTTTCCTTTTACTGGAGACCACT

>naRXA02287
GTGTACTCAATTCAGAACTATCGCCCGAACTCTTATGCCCCGCACCGATCACGTTTTC
GACCTGATGGGCAACGGAACGCCTGGTTCGTCGATGCCCTAGAACGCCTCGGGCGAGGC
ATCATCACCGTCCGCCCCACAGTTGAAACCGTGGCCGCGCGGACACCTACCACCGCGTC
ACCCGCGCGCCCGCGGTGCTGCTACCAACCTATGGTGCTGGTTTACCAACACCATGACC
ACGCTTGCCGACGTCGCCCTCTCCCGTATCCCACTTCTTTTAGTTGTGGGCACTGCCCGG
AGCGCCGGGCTCGCTGTTTCGACATTGACCGGCAAGGACTCGCACGTGCCGTAGGTGTG
GAAACCTTCACCGTGCATGCAGATGACGTTGCTGCGGTAACCTCTTCAGGCTTGAATAAT
ACGCCGGAACACACACGTGATCCTGGAAATCCCTATGACCTAGCAGCTGCCACAGCC
ACCGATCCAACAGTGACTACATACCTGCTGCGCCCCGATTTCAGAACTCCCGATGTCA
CCGACCTTGCTC

>naRXA02287-downstream
TAGCTCTACGCAATGCCCAAAAT

>naRXA02294-upstream
TACCTCACCTGGCAACAAATCCAAGGAATGTAGATAAGTCGGGGCAAACCTAAGAAATC
ATCCTGGTTTGTGGCAGGGAACATTCTAGGATGGGAGGC

>naRXA02294
ATGGCAAAGACAAAAGTAAAGCATCTCCGAGCGCAACTCGGATGATCCGCTTAGTTAC
CCCGACCTGACTCTTGACCAATATCCACAACAGTCACAGTCGTGGTCGCCGAAGACACC
CCAAACGATAACTTCTCAGAACTTCTCCTCGGCGCAGCAGAATCAACCCGTCTTTAGGA
CTCGACGAGCTCCACATCATCGCTCCATCAGTCCACCTACCCGCTCTCGCAGTAGCAGCC
GCCGACATCGCACACCATCTGCCAGAGAAATCCAATTCTGTGAAGCCGAAACCTGCACT
CATCTCCACCCCGACGATGACACCTATCTCACGGCTGAATCCGTTGCTCAATTGGGTACG
AAGCTGAAGTCTGCG

>naRXA02294-downstream
TAGTTGTTAGGAGCCACCACAGA

>naRXA02295-upstream

TTCCCATGCTAATCCGCGAAAATGGCACTTCAACAGCCATATACTTTAAACAACACAAAT
GATGCAAGACTGATACCGGGATGTGATAGGAGCGCACCAC

>naRXA02295

ATGGGGTTGGAATTAGCAGCTAGCGGGTGGGGCATCCTCATCGCAGGCGCCGCCGTAGCC
GGATGGATCGAEGCAGTAATCGGCGGTGGCGGACTCGTCCTCATCCCGTGATCCTCGCG
GTCATGCCGCAACTCGCACCTGTGACAGCGCTGGCCTCCAACAACTGGCAGCCGTCACC
GGCACGGCATCGGCGGCATTACCCCTGGTCAGGCGCGTCAAACCCGACAAAAAACTGCTT
GCGCTCTACGTTCTGGTGGCAGCTGTGTGCTCCGGTGCAGGCGCCCTGGCTGCGAGTCTC
ATTGACAAACAAATCATGCGACCGCTGATCATCGTGTGATGCTGGTCGTTGGCCTGATC
GTGGTGTTCAAACCAAACTTCGGAACCGGCGAAAGCAAAGCCCTGCCACCGGATGGAAA
CGCTGGGCCGCCATCGTTGCAGTCGGACTCATCGCAGCCTACGACGGCATCTTCGGACCC
GGAACCGGCATGTTCTCATCATGGCGTTCACCGCACTGCTCTCCCAAATTCCTGTCC
TCCGACGCCATGGCGAAGGTGCTAAACACCGCAACAAACCTGGGTGCGCTAATGTATTTC
ATCATCGGCGGCCACATGTGGTGGACCCTAGGACTCGTGCTGGCAGTCGCCAATGTGCGCA
GGCGCACAACCTCGGTGCCCCGAACGGTGCTTGGTGGCGGTACCAGGCTAATTAGATACGCA
CTACTAACCTGGTTGTGCTCATGAGCGTCTACCTCACCTGGCAACAAATCCAAGGAATG

>naRXA02295-downstream

TAGATAAGTCGGGGCAAACCTCTA

>naRXA02296-upstream

GCATCATTTGTGTTTAAAGTATATGGCTGTTGAAGTGCCATTTTCGCGGATTAGCAT
GGGAATCACCAGTATTTCTGGACGGTTAAGGATGATTTCAT

>naRXA02296

ATGCGTAATCAAACAATCGCTGCGGTGCGAGCTTTGGTCCTGCTCACCGCCGCCACGCCC
GCGATCGCTGCCACCCCGGCGACAGCTGGAACGGACTCTATTCCATTGACATGGGCGAC
GAGCAAAAGCTTACCTGCGTGCTTTTCGATGAGCCCTCCACCGAAGCGCACGTCGTCGCC
AGCTGTGCTGCGACTTTCCCGGTGACCTGGAAGCTTCTCGACGGCGCTCACGAACAAGCC
GCGAAACTTGAAATCACCCAGGCTCAAGACGGTGAAGTCTCGGTGACAGCCAGCAAGCAG
CCGTTGATCACCACGATGATTGCGCCCACCAGCATCACTAAGCCCATCACTGTCAATAGG
CTTGTGGTTGTTCTGGTGAGAATGAGGTTTCGCTTTTATGCTACCGATCCTGATGTTTTA
CCAGTGCTGATCACGCCTGACTCCTATGAAGTGTGACCGATTCCGCTGCTAAAGTGAAA
GCGACATTA

>naRXA02296-downstream

TGAAATAAACGTGGATCAAGGAG

>naRXA02297-upstream

TGCTGATCACGCCTGACTCCTATGAAGTGTGACCGATTCCGCTGCTAAAGTGAAAGCGA
CATTATGAAATAAACGTGGATCAAGGAGTCCGGTGCCCAA

>naRXA02297

TTGAGCGATAAAGAACCAGACCCCCACGAACAAATTCAGAGAAGCCATCCCGCAAGGTT
ATTGCACTTCGTTGGTGCATCGTAGCGCCGCTGTCGCTAGCCGTGGGGTGGCTTTTACT
ATGTGGGGTGTGCCAGCCGATGGATCCTCGGGGCGATCCTTGTTGCCGGTGTATGTGCG
CTGACCACAGGGCAAGATCTTCCGATGGCCAAGGGGGTGCATGTTTTTGGTCGCTCAATC
GTGGCGATGCTGGCGGCGCTGCCTTTGATTAGTTCTTCTGGTTCGGAACCTGTTTCGTTTC
CTCATCCCGGGTCTTGTGATTTCTTTTTACCATCGCGGTAGGCATCGTTGGTGGTTTG
TTGCTGGCAAGATCCAGGCCGAGATTTTGCCGAAACTGGTGTGCTGTCCATGTGGCG
GGTGGCGCGTCGGTGATGCCGATTCTGGCCCCGAGATTGGGCGCTGATTTCCGCTATGTG
GCGCTGACGCAGTACCTCAGGTTGTTGGTTGTGTCCATGACGTTGCCGCTGGTGACGCAC
TTTTTCGTCCTGGCGGGCGGATTTGGGATCGCCGCCCTGAGAAATGGTTGGACGTGTTG
AGTTTGGGAGAGTTTCGGGACGTCGATAAGCGTTTTATCGCTGCTGGTGTCTTTCGGTATT
GTGCTGGCCCGCAACCTCTCGGCAGGTTGCTGCGCTTGCCCTGCCCTGCGGTGATGGGG
CCGCTGATCCTGACCGTGCTGGTGAGTTTTGTGATTCCAGATGATCTCAGCCTGCAACCG
CCAACCGTGTTTAAGATTATCGCGTTTCATGGCGATCGGTTGGATGTGTGGCGGTCCCTTG

AATATGACCGCTGAAGGTGTTTTCTAAGCAGCTTCCGGCCACGTTCTTGTTATTTTC
GCGCTGCTTGCCTGTGCGCAGGTGCGCGGGGCTGCTCACCTGGTGGTTGGATATCAGC
TTCTTCGAGGCTTACCTAGCAACCAGCCCTGGAGCTCTGGAGACGGTGTGGCGCTGTCC
TCGGAAGGATCTGCAGGCCCCGGTGGTGGTCACGATCCAGATCATTGACTACTGGCAATC
TTGACCATCGCCGGTTTGATCCCCACGCTACTGCGACGCATTTTGCCTAGGGATCGT

>naRXA02297-downstream
TAAAGGCCTTCTAGTTCAGCAC

>naRXA02298-upstream
AAATCATAGCGTGAGATGACAAGGAAAGGAATATTTTCGATCCGGCAACAACCCCCGCGTC
AGGTGGGATTATGCCGAAAAAATCGCTACGATAGCCACTT

>naRXA02298
ATGACTCTTCAGAGTTCTGATAAACGTTCTCCTTCACTGTTAGACGCCTCCTCCGAGGTC
TTTGTCCATGATTGGCAGCTTTGTCTCCCACTGATGCCACTGCATGGGGTATCTCAGGC
TTCGAAGGTGATCTTCAGGATTTCTCTCCTGACTATTGGAATGCCATCGCCGAACGCAAC
CGCGACATGGTTGCCGATGTTGATGCTTTTGATGACGGCACTGATGACAACGATGACGAA
GAAGATTTTCGATGACGTTGACCGCGTCACCGCTGATGTTCTCCGTGATCGCGTATGCCTG
GATCTGGCCCTGCACCAACAGGGCGAAACCTTAGCGAATCTCAACAACATTGATCCCCCA
GTCCAGACCATCCGCGATACCTTCCTCATCATGCCCCGCGAGACGGACGATGATGTGGAA
AATCTCCGCGAACGTTCTCTCCGCGTCCCCGACGCTCTCCACGGATACTGTGAATCACTC
GCTGAGGCTGCCAGCTCAAGGCCATGTTGCGAGCGGTCCGCCAGGTGGAAGAAGTGGTGTCG
CAATGTGAGGACCTCGCTGATGAGGACTCCGTTTTCGAGCACCTTGGCTTGGATGAAAT
GATCCAGTAGTTGTAGAGGCCAGGAAGCTTTTGACGAGTTGCCGGTTGGTTAGCAGAG
CAACTGGCTCCGCATGCTCCTCATGTGGATGCGGTGGCCGGGATCGCTATGAAATGTTT
TCCCACCTGCACGTCGGCGAGTTTGTAGATCTGGATGAGGCTTACCAATGGTCCCTGGAA
CAGCTGCGTGACATTGATGCTCAGCAGCTTCAGGTAGCCCAGCAGCTGTACGGCCCTGGC
ACCACGATCCGTGAGGCCATGAAGAAGCTCAATGCTGATGAGCGCTACCTCATCCGAGGC
ACTGATGCTCTGCAGGAGTGGATGCAAAAGACCGCTGATCAGGCAATCGCTGATCTAGAT
GGCGTTTCTTCAACATTCCAGAGCAGGCTCGACAGGTTGAGTGCCTCATCGATCCTGCT
GGAATGGCGGCATTTTCTACACCCACCAAGCGATGATTTCTCCAGGCTGCGCCGATG
TGGTGGTCTGTGCCTAAACCCAGGAAGTCTTCCACACCTGGCAAGAGCTCACCACCGTG
TTCCACGAGGGTGTCTTGGCCACCACCTGCAGATCTCCAAACTTTGGTGGAAAAGGAT
CTGAACCTGTGGCGTCGAGTCGCTTGTGGAACCTTGGCCACGGTGAAGGTTGGGCGCTG
TACGCAGAATCTCTCATGAAGGAATTGGGATACCACGAAGATCCAGGCAACCTCATGGGC
TACCTTGATGCTCAGCGACTCCGTGCAGCCCGGTGGCCATTGACATCGGAATTCACCTG
AACAAGAGGAACCCAGAGTGCACCGCCTGTGGGATGCGTCTTATGCGCGCAGCTTCCTG
CGTGAATAACGTCCATGAATGAAGATGCGCTGTACTTTGAGCTCAACCGTTACCTTGGT
TGGCCAGGTCAGGCCGATCGTATGCCATTGGTCAGCGACTCTGGTTGAACCTGCGCGAT
GAGGCCATTAGCCAGGGGCAAACTTGGCGCAATTCCACAGCAAGGCATTGTCTATGGC
AGCATCCCGATGGGCATTTTGCCTGATCAGGTGCTGAAC

>naRXA02298-downstream
TAGAAGGCCTTTAACGATCCCTA

>naRXA02300-upstream
GGGTCAATCCGGTGAACACGGATTTTCGCGCCGGTGAATCTGACGGTCAGCCAATTGCGGG
CAATGCTGTCCAAAGCGGAGCGTAAAGATAAGGATCAGAA

>naRXA02300
ATGAAAATTATGCAGTACTAATTGCGGTGGCAGGGTTGGCACTTGCTGGGTGTAGCTCG
TCGGCTCCTGGAATCTGGCGTGCCACTGAACCCGAGATGCCTACCTTGAAATAGCCGAT
GACGGCACGCTGTCCGAACCGACGGCTGCAACAGACTTTTGGTGGCTGGGAAAAAGAC
GGCTCTACCATCACTTTCGGCGCCATCGGTATGACAGAAATGTACTGCGAAGGCGTCAAC
GATTGGCTGTCCAGATGCACACCGCCACCGTACCGATGCCACCATGACCATTTTCAAC
GAGGCCGGCAGCAATATTGGCGAGCTAAACGC

>naRXA02300-downstream

TAAATGCTTCTCGACGTCAAAAG

>naRXA02301-upstream

GCTTCGCATATGTCTGGATCTTATTGGATGTATGAGTCAGAGATCAGGGAGATCGCGCAC
TAACCGAACCTGGCCAGTGCAACAGGATTATGTTTAAAGC

>naRXA02301

ATGGATCTTGCACTGGCTCAGGTTGATTCCACCGTTTCGGGGCTTTATGACGCCCTCGAT
CTCATCGGCGTGCTGCTGAACGGAATAATCGGTGGAACGATCGCCAGGCAACGAGGCTAT
GACATCATTGGCTTTCTGTTTCTGGCGTTATTTTCTGCGCTGGGTGGCGGAATGATCCGT
GACATGCTGATTACAGAGGGGACTGTGCGGGCGATCGATAATCAGATCTACCTTGGCGCTC
GCGTTTTCTGGCGCGCTGATTGCCATGGCGGTGAACTTAAAGGCAGGGTGTGGGAGCTG
TTTAAAGTTCACGGCGATGCCATTGTGTTGGGCGTCTGGGCGGTGACGGGTCCGTGAAG
GCGATGAATGCGGGGGTGGCTCCGCTGCCGAGTATTTTCATGGGCGTGCTACCGCGGTG
GGTGGTGGCATGGTGGCTGATGTGGCTACTGGCCAGACGCCGACGATTTTGGTGGCGGA
ACTCTTTACGCTGTGCTGCGACGCTTTCTGCCACGTCAATGGTTATTTTTCATAGCTTT
GACCAGTAATTCTGGGTATGATTATTTACCGTTCTTGGGTATCGCGTTGGCGGTACT
GCGTATTGGTGGCGTTGGGTCAATCCGGTGAACACGGATTTGCGCGCGGTGAATCTGACG
GTCAGCCAATTGCGGGCAATGCTGTCCAAGCGGAGCGTAAAGATAAGGATCAGAAA

>naRXA02301-downstream

TGAAACTTATGCAGTACTAATT

>naRXA02302-upstream

GGCCAGGTTCCGTTAGTGCGGATCTCCCTGATCTCTGACTCATACATCCAATAAGATCC
AGACATATGCCAAGCTAATGAAGGAAACGAGGAGCTGATA

>naRXA02302

GTGGCAACAAATCGTACATCTTCCGCTGGTGTATCACGTCTGTTCTCGCATCCGCTTTG
TTCGGAGCGATCTTTTCATCTCTGGGGCGATTGAGGCAAAGGCGGAAACACTTGTGCT
TGGCGTGTCTTCTAACAGCGGCATGCTATTTGCTTGCCCTTCTGCACCTGCTGGTCGG
AAGGTGTTTAAGGAATTTTGGGACACACTAAGGTCCCAACCTCGTCAAATTTCTGTACTTT
ATCTTCTCGTTGTACTCATCACGCTTCAGCTGTGGCTGTTTTCTTGGTCGCCTAAGAGT
CATGCTTTAGATGCCTCACTTGGTTACCTGTTACTGCCCATTTTCTAGTAATTGTGGGG
CGGTTTTTCTTCGCTGATTACATCACCAGGCTGCAGTGGATTGCGGTGGGAATCGCGCTG
ATCGCAGTAACCTTGAAATTTGTCAATAGTGCGCAATTATCGTGGGTAACTTTGGCCATC
GCTGCGGGTTATGCACTGTATTTTGGCGTTTCGTAATACTCGGGGCTGAACAACGCTTTT
GCTTACGGCGCAGAAGTTTTAGCGTTAAGTCCCTGGCATTTTTCATGCTCGCCACTGTC
GAGGATCCGCTGTCTAACGCCATGTTGTCAATGGTTATTCTGGCGGGCCTCGCTGGCGCA
TTAGCTATGGCGTTGTATCTAGCCGCCTCAACTCTGCTTAGTATGCCGATGTTTGGCCTG
CTCAGTTATGGTGAACCAATCTTGCTGTTTGTGTCAGCACTATTA

>naRXA02303

GATCCTGATCCAGCAGACCGCTATATTGCACATCTTCCCGATCGCACCACGCATACTGCG
ATGATCATGTTGGGTCTGGCCTTGATCATTCATGCCGGGTGTGCGATTTATCGGTGGT
GTGAGCGTCGATGACGTCCCGGAGGTGCGAGGCGCGATTTTCCACCCGTCGAATCCGACG
GGCCGCTGGGCTGTATCGTTCACAGCGGTGGTTGGTGGCGCGGTTCGGGTGATGCGTTG
GAGTTCAGTGGCTCCAGAGGTGCGGGCAGTGCAGGAATTGTCCGGCACAACCATCCTT
GACCTGGACTATCCGTTGGCCCCAGGCCATAACCTCCACGATATGAATGAGGTTGTGGGC
AAGGCGGTGCGTTACGCCCCGCCACCATAATCCGGTGTGATCACGGGTGGGGTTATTCC
TCGGGCGCGGCGTTAGCCGCGATTAAATGCATCGCTTTTCGACGCCCTGGTCTTCACCTTT
CCGGACCTGGGTAGCGTCGAGAAGCTCCCTGCCGAAATTCGTGGAGACGCTGTAGTGCCC
GCGGCGGCTGCGTGGCCGACGACCTTTGTGCAGATCGCGGCGCAGGATGAGATCGCGGAG
CGGCCAGGAGAGCTTGGCGACGCGACCGTGAAGGAATACGTTTCCCGCCACCGTATTTCC
ACACCGAAGGTGCGCGCGGAAAAATCACCGACGTGGCGGAGTTCCTTAAACTGTTTGC

>naRXA02303-downstream

TAATGTGCCAGCAGGTTGTAAAT

>naRXA02304-upstream
CTAGCCATCATTTGGTAGTTCCTAATTGTTTCCGTACAGTATAGCTCCAGCACAACTTCTG
AGTGCAAGTTTTTTATAACAGGGCAGTAACGTTTACTGGT

>naRXA02304
ATGAAAACCTCCCGTCTGCTGAAGATCCTCAGCGCGATGGTGGCTGTCACTGGACTTCTC
ATTCCAACGGTGGTCCCCATGGCCGCCGCTGATGCTGCTGAACTGTCCGACAACGTTCCC
GATCGCACCCAAATTGCCATCATCAACCCTGATGGCAGCGTGCAAGAATCTGACAACGCC
GAAGAATCCCGCCCGCATTATCCCTGGCCAAGCTGTATTTGGGTTATTATGTGTTGGCT
CAAGGCGCGGAAGAAGATATTGAACTAGTCCCAGATATGATCCGCTACTCTGATGATTTT
ACCGCGGATTATTTGGAGAGCGAATACCCGGAAGCAATTCTGAGGTTATTGATGCCTTC
GATTTGGAAGACACCGAATGGGCTGGTTTCTGGGGCAATGCAACTACAGTGCGGTGGAT
ATTGCGACGTTTGTAGCAGCACTCATCGACGATCCCACGGCGCAGCCCTTGCTTGACGCA
ATGTCTGACACCGCTGAGTATGCGGCGGATGGCTACGCCAGAACTTTGGCACTTTTACA
TTGTCCGATGTCACCGTACTAAATTTGGTTGGTCTGATTCCCTCGATGTGCATTTCATCG
GTCAGCTTTGGCCCTGGTTTTGTGATCGCTGCCAACACCTACGGTGACGCCGAAACGCTC
ACCGAAGATGTCCAAGATTCCGTGTCTTCGCTGTATCCGGAGGAAGTAACCACCGCGATC
GAGGAGCAGGTGGATCAGCTGTGTGAGTGCCTGCAGAGACTACGCATTTGGGAATGCAC
ACTGGCGCGGAGCTGAAAGCACAGCTTGAGGGCACTATTTATGAAAAACCCCTCAGCTTT
TTACCTAATTCAGCCCCAGCGCCAGCGTTTATTTACAACCTGCTGGCACAT

>naRXA02304-downstream
TAGCAAACAGTTTTAAGGAATC

>naRXA02307-upstream
TTTTGCATTAACCCAGGTAGGGGCATTGTGCGAAAGCCCCAACTACAGCAAGGTGCGTAC
GCTGGTGGCCAACTGAATACGTTTGAGGAGAAGGTTTTCT

>naRXA02307
ATGAGTGGCACCCCATCATGTACGACACGACAGTTGTTCCATCGAAGAAAGAAATCGCG
CAGGCTTGGACTGGTTATGTGGATCTTCAGGGAAGCTACCGCCTGGTAGATACGGTGGAT
GGGGAAGTTGGCGTTGAGGTGCTGATTTCCAAGGATCGGGAGGGGCGTTTACTCCAGATT
CCGTTTAGTTATCGTTCCGCGAGAGATTAACCCAGAGCAGACACTTTCCACATTGGAGCAT
GGTGTGTTGGGCAAGCGTTGGGTGACTAATGCGTTGGGTGACCCGGTGGCAGTGCGGGAG
TTTATTTCGCACTATTTTGACGGGCGATGATGGTGCAGCTCGTAGCGATGGCGTGAAGGGC
TATCTGGATATTAAAGGTTCCGGCGATGCT

>naRXA02308-upstream
GGGTGAGATTGGAATGATTTCCGCCCCGGGCGCTCGAAAACCGTGATAGACACAATGAACC
GAGCAAATCCGCCAGGAAATAAATTAAGTAAGGAATATCC

>naRXA02308
ATGAGTGAAACCCAGTCGAATTCAGTGTGACGCGTAATGCCTGCGCAGCTCCCTCCAGGG
CCTGCCGAGCGTACTGTGTAATCCTACGGTGTTCGCGCAGGGGATCAGGTGCACATTTTA
AGAATGGAGGCTTTTGATTCTGACGCGAATATTGTCGGCGAAAGGGACATTGAGGCGCAT
GCTGAACAAGTCTTTAAGAACCTGCAAGCAGTAATCCACGAGGCAGGAGGAACGATCAAC
AACATTGTTTCCACCACTACTTATCTTGCCGATGTCACCGATGCTCCCGTTGTTAACGCT
GCTCGCTCCCGCTATTTACCCGAGAGATTGCCCCACCCACCGTAATTGGAGTTGCT
GCTCTTGCTCGGCCACAGTTTCTAGTCGAGATCTCAGCGGTGGCCTATTTGGGGGACCTT
TCAAAAGAC

>naRXA02308-downstream
TAGATACATGATTATTTTGCAT

>naRXA02314-upstream
TGATACCACCGAAGTATCCGGATTACCATTTATTGAAGCTTCGACCGTCCGAGATACCCG

CCGTGCACAACAGCAAGCTCTCATGGACACGGTGCCTAA

>naRXA02314

ATGGAGTGGTACCAAGTGCGCCGACGGGCCCCGACAACCTGCTCATTGTCCTTTTATAGCA
GCGATGCTCGGAGCAGCCTCCATGGTGATCGGGCCATTTCCTTAACGACCGCACTATCGAA
GGCAACTCCGGGCGCGCCTTGGCACAAGTAACCAACGTCGGCAGCTACCGCACAACGGTG
GATTTCCAAGATGAAAACGGCATCTATCACTACCCAGCCACCGGCCCTGTTGTTTGGGAAEG
GGACTGGGCGAGGGGCAACGCGTGTGGGTGAACCTACGCCAAATCAGATCCAGACCTGGTC
AAAGTAGAAGGCCGCAAGTGGACACTGTCCATCATCCCAGCGCTTAGTGTCGAGCTGTC
GCCACCGCTACCTGGTCACTACTATGGCTGGGAGTGGGCAGATTTCGGAAGACGATCCGAC
GACGCCAACGAAACACAGTG

>naRXA02314-downstream
TAAAGCTCTATGCCGGGAGCATT

>naRXA02324-upstream

GAAGGTCAAAAACTTGACTTTATTGAAAACAATTTCCATTAAGAAGTGACACTTGCGT
CGACTCTATTGAAAATGATTCCCAAAGGAGGGCTTTCAC

>naRXA02324

ATGGCCACAACGACCCAGTCACCGTGCTATCAGGATTTCTCGGCTCCGGAAAAACCACA
TTGCTCAACGAGATCCTCCACCACCGAGGATCCCGGAAAATCGCAGTCATTGTCAACGAT
TTTTTCAGAAATCAACATCGACGCAGCCCTCATCGCATCCGAAGGCCACCTACCCGCGGC
GAAGACCGCTTCGTGGAACCTGACCAACGGATGCATCTGCTGCACCCCTGCGCGAAGACCTC
GTGGATTCCGTGCGCGAACTCGCCAGCAGCGACCGCTTCGACCACATCGTCATCGAATCC
ACGGGTATCTCCGAACCAATGCCGCTAGCCGCCACATTTGAATGGCAGTGGGATGACGGC
ACCCGCGCTGGGTGACAAAGCACCGATCGACACCATGGTCACCCCTGGTCGATGCCACCCAA
TTCATCGACCTCATCCGCAAAAACACCTCCCTACCGAGGCTGACATGGGCGCAACCGAG
GACGATGAACGCACCATCGCCGACCTACTACCGATCAAATCGAGTTGCGCGACCGCATC
TACATCACCAATCCGACCTGGTGGACCGCACTGTCTCGAGCAAACCCGCGCACTAATC
GCCAGCATGAGTCCACGCGCCCGCATTTGACTTACTCATCGATGGCCTCAATGACGGCTCC
CCCATCACCGACGACATCCTCGGAGCTTTCCTCTACGACGAAGCCACCGCCGCGCCTAC
GAGGGCTACACGGAAGAAGCTCGAAAACCCGCACTCCCGAAACCGAGGAATACGGCATC
AGTTCCGTGGTATTCCGCTCTGACCGGCCGTTCAACAAGGATCGCCTACTTCAGGTACTG
CGTTCCACCACCTGGACTCGTTGCTCCAAAGGCTATTGCTGGATCGCTGATCACCTCAAC
ATCGTCCAGGTCTGGCACCAGCCGCGCCCAATTTGAGCATTGCGCCGCGCCCTATTGG
GCCAATTGAGAGATCAACCCCGGCACTGAATTGGTCTGATCGGCATCCACATCGACGGC
CCCACCTTGCTCGCACTGCTACAAGGCGCGACGCTTACCGATGCGGAAGTGGCGGCACTG
GTTTTG

>naRXA02324-downstream
TGAGTTCTCAAGTCCGTGAATT

>naRXA02325-upstream

GGGCAGAGATTTGAAGATGGAGACCAAGGCTCAAAGGGAATCCATGCCGTCTTGTTTAA
TACTGCACCCGTCTAATGAAAATCATTACTATTAGGTGTC

>naRXA02325

ATGATGGACCATGCACACGATTCTGCTACCAACTCTGCGCCGTGATTTGGAGGTCCT
GGCCAGCTCCAACCTGAGAAAGCTGTGATTTAGCAGCGCCGACGAAGGGAGGTTGCC
AATATAACGAAGGTGACCTCCTCAAATATGGAGCACACCATCACGCAGGCCCTCAAAGCT
AAGGAGGTGGTGGTGCTCATTGGTCACTCCCTGCTGCCACATTTAGGATTTGGAAAAA
GACATTCTGCACTTTAGGCAGGTAATAAAGGGCGATTTTCTGTAGCGATTGTTGATCCT
GATCGCAGTGCAGATGTGGTTGCCAGATTTAGGCCAAAACAGATTCCGGTGGCATACGTG
GTGAAAGATGGCGCCAGCATTGCGGAGTTCAACTCGCTCAACAAGGAGCCGGTGCACAA
TGGCTTGATCATTGTTGTGTCGCGGGAACGATCCCCAATGAAAAAGAGGGGACGTCGAT
AAGCAAATAGACCCGCGCCTGTGGCGGGCAGCGGAATTGGTGAACGCCGGTGATTTTCG
GCGGCGTTGGCGTTGTATGAGCAGTTGCCGAGGATGCGACGGTGAAGCGGGCGACGCG
GCGGTGTCGGTATTGGCGCGGATGTCTGTGGCGGATCGGGGAGAGGATCCGATCGAGAAG

TCGCGCCGGGATCCAGACGATGTGAACAAGGCGCTGGCGGCGGCGGATATGTATGTGTTG
ATGAATCAGCCGGACACAGCGCTCGCGCACCTTGCGAGCACTATTGCCAAAACCGGAGGCT
GCCCCGGCGATCGTGAGTTGCTGAACTTGTTTGATCCGCTGGACCTGGTCGCATTGGAA
ATCAGGGCGCAGGTGGGGAATGCAATGAGC

>naRXA02325-downstream
TAAGAAAACACTTTAAATATTCT

>naRXA02331-upstream
TGCAGCGTGCATTCCCAACCATCGGGTCAAGAATCTATCCGCCAGCCCCTGTCCAACCTCC
TCAACTAAAAAGGCAGCACTTAAAAACACTATGGAACCC

>naRXA02331
ATGGAACATAACGGCGGTCTGTTTCTACGCCCCGAAGCTCACCTCAGATAATCGGATTGAT
GATGTCCCGGCGCTCTCACTGATCCTTGCCGATGCAGCACAGTTCATCGCGGACGCCACC
ACAGCCTGGCAGGAGACACCGAATACCTGGGCTATCTGCGAGCAGACCAGTGTGAA
CTACTGGCACTGGCAGCGCTTGATCCCAAGCAGCGCACACTCGAGGTCTGTGCCCGCAGGT
GATCCCGCCACCAATTGCCCAATGATCCAGTGCTCGCTCCGAAAACCATCGGCGATGCT
GTGGCGGAGGGCCGCGACACCATCACCAGATGGGCACAAGGCTATTTAGAAATCAGCCTC
ACTGAT

>naRXA02331-downstream
TAGGTTCTCTCCGAAATGGGCAC

>naRXA02336-upstream
CAAATCCACACGACACAATTACACAAATTTTACCTTGTGCATTGAAAGCCGTCAGCCGAT
TAGCGTTAAAGAAAATAAAAAACCACAAGGGGAGCACACC

>naRXA02336
ATGAAAGACACCACCGAGATCAACTGGCAAGGCTACGCCGATGGAACCGCAATCCGCGAA
GCAGTCATCCACTCCATTGAACGAGAAGTATCAGCGGGCGAGCAGCCAACCCCAAACGAT
CTTAAATTTCTCGGGCTGTTCCAGCACCGCGCCGGGTATGTGGGCTCGTTGATCACCGGT

>naRXA02336-downstream
TAAGTGTGGGAGCAGGCTGGCT

>naRXA02337-upstream
CACAAGGTAAATTTGTGTAATTGTGTCGTGTGGATTTGAAGGTTTTTGTAAATCTAGTT
AAATCATGAGGTCATAAGCTTTTCGGGAGGTTGTCAAAGG

>naRXA02337
ATGTCTGAAGCTTTACGCGGGGGCAAGGATCAATGCACTGCGCCGAACCCATCAGCTCACC
CAATCAGCATTGGCCGACAAGCTTGATCTCTCCACCAGCTATCTCAACCAGTTGGAAAAT
GACGGACGGCCACTCACTGCCACGGTGCTTCTGCAGCTGATGAAAGTGTTTCGATGTTGAG
GCCAGTTACTTCTCCCTGACCGGGGTACGGCCACTGCTACCCGACTGGCTGAAACCTTG
GCGATGAATCAGGGTCCGACGATGTTCGATGGATGATCTTTTAGATTTTCGCGGATCGTTTC
CCTCAGTTAGCGCAGCATATTATCCAGCCTGCTGAGGTTGATCCACGCATAGTTCTGCG
CATGATTTTGTTCGGGATTATTTTGCCACCCACAAAACTACATTGATTCGCTCGATCGC
CTTGAGAGGAGTTGGCAACTGCCATTGGTCAGCCGGGACTTCGGGTTACTAGGCTCGCG
CAGTTGCTTGATGCGGAGTACAACATCACGGTGCGTTTCCGGGCGCCGGATATTACTGGC
CGGAGGCACTTTGATCCCCAATCGCGTCAGATTCTGCTGCGGCAAGATCTCAGCGAGGCG
CAGCAGTGTTCAGTTGGCGGAGGAATTGACGTTTCTTGCTCATGCAGAGCTCTGGAT
ACCCTGACCACAGATCAACCGGATCTCCCTTCTGAGGCAGCTATCCGCCTGGCTAAGGTG
GGTCTCTCCCAATATTTTCGCGGCTGCTGTTGTTCATGCCGTACACCCGCTTTTTGGAATTC
GCCCAGGATAAGCACTATGACATCGAGTTGATCTCTGAGGCGTTTGAGTGTCTTTCGAG
TCTGCATGCCACCGCTGTCTACTCTGCAGCGTTTCGGGGGCGTCAGGGGTGCCGTTTTTC
TTTGTGCGCTCGGATCGTGCAGGA

>naRXA02338-upstream

AAAACGTGTCTAAAAATTCAAGTTTTATTGCTGCTGATCACCTCTTGAAGAACTCAACCC
AAAAGTGCTTCAAGTTATGAGAAAGTGAAATCCAACACCC

>naRXA02338

ATGAAAAAGAGCATCGTTGTATTTGAAGTCGAAGGCGGCTCCGACAAGCACTTCGACGGT
CACCGTAAAGACACCATGCCTATCGTCAAGTGGATAAATGATGCTGGCTGGCAGGCAGAG
GTTGTGTACTACCGCCAGAGTGGACCGAAGGTCTCTTTGAGTACGTATCTGAAAACCTC
GACGGCTACATCTCACGTGTCAACCCAGGCAACATCCCAGGCGGCGAGCGGGCTACTTT
GACCTGCTCACCGCCTGTCCGAAGCAGGGCTCGTGGGCATGTCCACCCCTGAGGAAATG
ATGGCATACGGCGCGAAAGATGCGCTGGTCAAGCTATCCCAAACCGACCTGGTGCCATCC
GACACCGAGGCGTACTACGACGTGGAGACCTTCCACAAGGTTTCCCAACCTCCCTGTCC
TTCGGTGAAGCGCGTGCTCAAGCAAAAACCTGGCTTCACCGGCTTCCGCATTGGCGCGT

>naRXA02339

CCCACCGACAACCTCTTTTCATATCCTGCACAACGCTATGATCTTCTCACACTTGCCTTT
GAAGTTAGGATTGGGGACATGGTTCAAATTAATGACATGCTTGCCCTCCTCCAGTAAAA
CTTCCGGAAGATCCTGCCCTCGGCGCCGATCCAACCTTTGACCTCGACAGCGATTGCGCAT
CCTGACAGCCCATTTGGTGTGGGCGTACCGAGCTGAAAATCTTATCAAATCTGCATCAAAT
GATGAAGAGAAGATTACGGCTACGCTTTTGCAGCGACGGGTACCACCGCAGTCTCGAT
CGTCTGCGTGCCAATGGTTGGAAGGGTTGGGGTCTGTCCCTTCTCTCATGAGCCAAAC
CAGGGAGTGTGCGGGCTATCGCTTCCCTAGCTCTTGTGCGAAGCTGATTGGTGAGGAC
AACGAATACGATCGTTGCCGCCAGATGCTCTGATGCGGATCCAGAGTCCGTGCGAGTC
CTACTCGACAAA

>naRXA02339-downstream

TAAACCACCAAAAATAAAACAAT

>naRXA02340

GAGCGCGTGCTCAAGCAAAACCGTGGCTCCACCGGCTCCGGCATTGGCGCGTCCAGTTG
GTAGACAAGGAACCTGGCTGCATCCATCGAGCCAGGCACCGCACTGCCATTGGACACTGAA
ATCAAGTGCACCGAAGCAGTCGACAACCACACTGAAGTCCGCAAGCTCGGCGAGTTCATG
GATTTCTGTGACCAGTACATCATCGGCGACAACGGCATGCTCGTTGATATGCGTTTCATG
CCACGCATCGTCGAAGGCGAAATCCGCATCCTTCTCGTCCGACCACACCCAGTGTTCGTC
GTGCACAAGAAGCCAGCAGAAGGCGGCGACAACCTTCTCCGCAACCCTGTTCTCCGGCGCG
AAGTACACCTACGACAAGCCAGAGCAGTGGCAGGAACTGATTGACCTCTTCGAGACGCT
CGCCAGTCATCGCAGAAAAGCTCGGCGGCGACAACATCCCATTTGATCTGGACCGCAGAC
TTCATGCTCGGCGATGTCGTTGACGGCAAGGACACCTACGTGCTCGGTGAAATCAACTGC
TCCTGCGTCGGCTTACCTCCGAGCTGGACATGGGCATCCAGCAGCTTGTGGCATCAGAG
GCCATCAAGCGCATCGAGGAATTCGCGCAGCTTACTGTT

>naRXA02340-downstream

TAAACTTTGCTTCTCGACGTCT

>naRXA02341-upstream

CGCGACTGGCGGAGAAATTCGTGTTGCGGATGCTTCGGGCACCGTTACACCCTCAACGC
CGGTGAAATTACGCACCTTCGCCTGCAGTAAGGTGACGGT

>naRXA02341

ATGGGGAATTCACCTTGAGAAACATATTGCAGAGGGAGACCGGATCCACGTCGATCTGACA
TCTCCTTTATCCGCAATGTTGTTCCCATTTTTGAACTCATTGTGATTACTGGAATCTGT
TGGATGGGCATCGGCTTTTGGATCAGCTTCCAGGAATCGATGGCACCAACCCCGCCGAT
AGCTTCCCCGAAGGCACCCGCAATCTTCTAGTGGGTGTGTGGGCAGTACTTGCTGCATGG
CGTTTCGGTCTTCCTTTAATAAGGCAACGTCGACTCCGCGTGATCTTGAGCGACCGCAAA
CTGCTGGTCCGACGCGCGGGTCTGCGCACCGGGTTCGATTCCATTCCACTGAGCTACATT
CAGCGAGTCCAACGTCGGCGAAACACCCTGGTCTTAGGTGTTGGTGGACAC

>naRXA02347-upstream

ACGGTTGGAACAGAGCTGCACCTTTAATCAGGCAGTTGCTGGCCAACTGAGTTAGCCTAA
AACGATGAAGAAAAATCCTTTGGTTGAATGGGTCTGGGT

>naRXA02347

ATGGATGAACTCGGGGTTGGCTGGTGCCAATGCGAGAAAGATTCCATCACCGGAAAAGCA
CCACATCCCGTGAACAAGCCACTGGTGAGCAATCCATTATCAGGGCTCTAGGCGATGTC
CCCGATGTCATGAGCAACCAGGACATCAGCCTTGTGGTGGTGGATTGTGGAAATTCGAT
ACCATTAATCCTCCAATCGCAGAATCCCTCATGCGTTCCGTCAAAGCTGTTAACGGTGAG
ATGCACCCGCAGTATCCACCGCGACAGCAATGGCTGCGATCAAGCATTTCTCCAACACT
TTTGATGGACAGATTAACGCT

>naRXA02347-downstream

TAAAAGGCCTGTTATAGACTGAT

>naRXA02349-upstream

CTTCGAGTGCTGTGGCGAAAAATCCGAACCCAAAGAACTAGCCTAAGAACTAGCCCCAT
GAGCTATCCCTCAAAAAATTACTGATAGTGAGGTTTTCGC

>naRXA02349

ATGTCAACTGCATATTTATTGCGCACGGAAACGATACGTACCGCCCAACGGAGCATTCC
AGCGGTGCGTGGCGCGATGATGAACCTCCACCTTGACCGGTTGCCGGTTTGGTGATTAC
CATATGGAACGTTGGCGCAGGGAAGTGGTTGGCGATGCTTTGGTGTTTCAGCCGTTTATG
TTGGAGGTCTTGGGCCAGATCGCTCGGGATGATGTCACCTTGAGAACAGAGATCGTTCGT
CCCGGGCGCACCATTTGAACCTATTGAAACCGTGGCTGAAATCAACGGCAGAGTGACGATT
CGTGACGCGCCTGGTTGCTGAAGACCTCTGATCTTGCCCATATTTCTGGCGATACTTTT
GAAGCGTTGCCGTCAATGACTGAACCTGGCA

>naRXA02352

ATCTACAACACATCGAGCACGCTCAACGGCTTCATCGCAGACAAAGACAACCTCCCTGCAA
TGGCTTTTTCGACGTCCCCGGCAGCGACGGTGCCCTGGAAGACTTCGGTAATTTCTTTTCA
AAAGCCGGCACCATCGTAATGGGATCCACCACCTATGAATGGCTGCTCAAGGACCTAGAT
TTCATCAGCGATCCCCACAAGTGGACCGATGTGTATGGCGATCGCCCCACGTGGGTGTTT
AGCAGCAGGAACCTGGAAACCCCGGAAGGAAAACCTGTCAAGGTAGTAAATGGAGATGTC
GCCGATGTTCTCCCCGCCATACTGGAAGAGAGTCCAGAGAACTGATATTTGGATCGTCT
GGTGGTGGCGATCTGGCGGGTCAATTCTTTGATGCGGGTGCACTCGATCGGATCATCTTG
ACCATGGCGCCAGTGTCTCTCGATGAAGGGCAGCCAGCGATGCCCCGCCGGATCGAAAGT
AATCGTCTCCGCACCGTAAATGTCCGCGAGGTTGGACAATTACCGAGATCACCTGGAG
ACGATTAAAGGGGCT

>naRXA02352-downstream

TAATTTGTAGAGTTTGGGCAGA

>naRXA02356-upstream

TTGGCAGTAGCCATGCGTTCTGCTCCTGACCTTGAACAGCGGTCCCAATTTAGACCCGCT
AAACCCACAATGTGTACTGGTGTGTAATTTAGTAGAAC

>naRXA02356

ATGGCAACGGTCACATTCGACAAGGTCACAATCCGGTACCCCGGCGCGGAGCGCGCAACA
GTTTCATGAGCTTGATTTAGATATCGCTGATGGCGAGTTTTTGGTGCTCGTCGGCCCTTCG
GGTTGTGGTAAATCCACTACGCTGCGTGCTTTGGCGGGGCTTGAGGGCGTGGAGTCGGGT
GTGATCAAAATTGATGGCAAGGATGTCACTGGTCAGGAGCCGGCGGATCGCGATATCGCG
ATGGTGTTCCAGAAATATGCTCTGTACCCTCACATGACGGTGGCGAAGAATATGGGTTTT
GCGCTGAAGTTGGCTAAGCTGCCGCGAGGCGCAGATCGATGCGAAGGTCAATGAGGCTGCG
GAAATCTTGGGTTGACGGAGTTTTTGGATCGCAAGCCTAAGGATTTATCGGGTGGTCAG
CGTCAGCGTGTGGCGATGGGTGCGCGTTGGTGGTGATCCGAAGGTGTTCTCATGGAT
GAGCCGCTGTCCAACCTGGATGCGAAATTGCGCGTGCAAACCCGCGGAGGTCGCTGCT
TTGCAGCGTCGCTGGGCACCAACACCGGTGTATGTACCCACGATCAGGTTGAGGCAATG

ACGATGGGCGATCGGGTTGCGGTGCTCAAGGACGGGTGCTGCAGCAGGTGCGACCGCCC
AGGGAGCTTTACGACGCCCCGGTCAACGAATTCGTTGCGGGCTTCATCGGCTCGCCGTCC
ATGAACCTCTTCCCTGCCAACGGGCACAAGATGGGTGTGCGCCCGGAGAAGATGCTGGTC
AATGAGACCCCTGAGGGTTTACAAGCATTGATGCTGTGGTGGATATCGTCGAGGAGCTT
GGCTCCGAATCGTATGTTTATGCCACTTGGGAGGGCCACCGCCTGGTGGCCGTTGGGTG
GAAGGCCCGTGCAGCCCCCTGGCACGCCCTGTGACTTTTTCTATGATGCGGCGCAGGCG
CATCATTTTCGATCTGGAGTCGGGCGAGGGTATCGCT

>naRXA02356-downstream
TAGTTTCGGACGTGGGGAGGCGT

>naRXA02358-upstream
TGAAGGTTGGACGCTGCTTTTTGCAAATGACCTCGAGACCTCCGATATTCCCGCTGCCCT
TCGTCCCTAGTACACCCAAAGTTTATGAAAGATAAAAATC

>naRXA02358
ATGGTTTCTTATAGCGTGCACGGCGCACTAGATATCGACGGCAGCCTCAAAAACTCACC
CTCGATTTCTCAATAAACTAGCCACCAATCCAGCTTCCCCGGGGCTTCATATTGAGCCC
ATCAAAAACAGCATCGACTCCCGCTCCGCACAGGTGCGGTCAATGATCAATTCCGCGCA
GTGCTTTTTGAGCTTACAGCAATTTGATCATCACTTTGTAGTGGGTGGGTTTATCCCC
ATGATGATGCCATCACCAAGGCAGGAAAAATCCGCCTTGAAGTCAACTCTG

>naRXA02358-downstream
TAACGGCATTACTCGACTCATCG

>naRXA02360-upstream
AAGTAACTAAAGTTCGAAAGTATTTCCGAACGGTGTGCGCCTCTGCGCATACACTGTATT
TTTAAAGAAAATTCTTCTCAATTCTAAGGGTGAATATCCA

>naRXA02360
ATGCGTGGTGACGTTCAAAAAATAACCAAGGTTTATGACGGCAAGCACCGAACCTTGGA
ATCCCGGTTTATCAACGCAATTACGACTGGACTGAAAAGCAATGTTACGCCTCTTTGAT
GACCTCAGCGAAGTGGTCAAAGAAAACCACCGTCAACATTTTTTTGGAGCTGTGGTTGGT
AAGCCTCAAGGACGTGGACCTGGGTGTGTCATCGATGGACAGCAGCGTCTTACAACAATC
AGCTTGTTCATGCTTGCCTGGTACATTCTTGCCTGCGCATCTGAAGTTGAAGAAGGTGAG
TTTAATGCTGGCTACAACATTGATCTAGCCACATTGATTGAGGATGACTACCTCCGATCC
GGCAATGAGGGAAACCTCAAGTTCAAGCTCAAGCCAGTTAAAAACGATAATGAGGCTTAT
CAAAAGCTCTTCGGCCCAAGTCTGAATTCATAGAGTCTCAAACCTCACTGCTAATTAT
CGCTACTTCCGCAATGTCTTAAGGCAACCGATCTACCGCAGCTCAACTATGGGAAGCT
ATCGAGAACTCAGGGTCATGTATCTTGACCTTGAGGAATTTGATGATCCGCAGCGAATC
TTTGAAAGTCTCAACTCCACGGGATTAGAGCTCAGTGAAGCTGATAAGGTACGCAACTTG
GTTCTTATGGATCAGGAGCTCAAAACCCAAGAAAAGCTCTATGAGCAGCGTTGGAATCCC
ATTGAAGTCTGCGTGAAATTTGATACCGACAATTTCAATTCGCTGGTACTTAACCTCAAA
ACCGCGCGCACCCCAAGAAAGCAAGATGTTTATGAGGAATTCAAGAAATTCATCCGTAAC
TCCAAGCTCCCGTCAATTCATCTCGACGATATGTACGAGTACGCGAAGCTGTACCGA
GATCTCTTAGGTGCCACTACTGGGTTTATAGCTGCCGATAGGTGTCTTAAGCGTTTTGTC
CCTGTATGGGCGATGTGGTTTTGCCTTTCTGCTGCCTGTTCTCAAAGATGCTAAAGAC
GGCATCATCCGAATCAGACTTCTCGGAGTTCTAAAAGTTCTGGAATCCTATTTATTC
CGCCGTTTTGAGTTCGGGTTGCTAGTAACGCCCTAAGCAAGATCTTCTCCACTGCTTAT
AGCGACATCAAGAAATTCTGGACTCCAGGGCAAAGTTATAGCTCACTGCTGGCCTACATT
CTGAAACGTCGCGATGGTTCCGGGCGTTTTCCCTCCGACAGTGAATCCGTGAGAACTTC
GCAACCAAAAATTTCTGGAATATTCATAACGAAAACAGGCGTTACTTATTTGATTGTCTA
GAAAATGCCGATTCCAATGATGTTTCGTGACATCCAAACAAGTCTGGATGAAGGATCTCTC
TCCATTGAACACATCATGCCACGTAGCCTAAACGATCAGTGGAGAGCTGAACCTCGGCCCT
GAATATGCTCGAATTCATGAGACTTGGATTAATAGAATTGGTAACCTCACCATCACCGGC
TACAACCTCCGCTATTCAAATTTCTCTATGAGCGCAAGCGGACGATGGAAAATGGATTT
TTGGTATCCCCCTATCGCATCAATAATTTATCAAAAAGCAGAAGCATTGGTCTGAAGAA
CAGCTAATTGAGCGAACCGAGCTGCTCACTCAAGCAGCGCTGGACTACTGGCCCCCTCCA
AAAGAAACCTTCCAGCCACCACAAGCTGTGCTTCTACAGAATCCTTAGATAGTGATCTT

TCTTTCCGCGGACGCGAAATTGTGCGCTTTGAATATGAGGACTACAAGGAAACGGTAACG
 TCCTGGGCAGACATGCTCCAGAGCGTTCTAAAAGTCTTGAACCAATCCTTCCGCCAGGAA
 CTCATAGCTTTGACCAATGAAGAAATCTGCCTGGCAACTTCAAACAACAGTAACAGCAGT
 CTCGGTGAAATTGACCACGGGCTTTTTGTAGACACTGGCTCTAGTACGAGTGTAAGATT
 GGCTTCCTCCGCGAGATTCTTACTCAACTGGGGCTAGAGCAGGAAGCATTGGTTTTCCACC
 CTTGCGACCACTGGCAATGATGTAGAACCCCGAGATGATGAACTCGAGGTAGAGGTAGAA
 AAGAAATATTCGATTTGACTAAATTCATCCACAGTTAGAAGAAGCTGAGAACTCTCGAG
 GGGGCGGATACAGAGGTATTCTCTCTCTCAAAGCTCAAGGAACAACAGACAGCCTTT
 AGCCCGGAGAATCTCAAGCAGCCCTAGGGGGCTACCTGTTCCAGAATCTCTCAAACAA
 AATGTGATTGAACAACTAAGCGCAGAGCACATCCTGCTGTACTCACTCAACACTTTAAT
 ATCGCATCCATGATGGGTGATGACTATTTGCTCGAAGAGCTCAGGTGAGGCCGCTTAAGG
 GAATTACTGCAGCGTTTAGAGGAATTGGATAGC

>naRXA02360-downstream
 TAATAGCCGTAGTCGGTGGTCAA

>naRXA02361-upstream
 TAGAGGAATTGGATAGCTAATAGCCGTAGTCGGTGGTCAAACCTTTGACCACCGGACTCCC
 CTTTAAGCACAACTCTCTAGCTTTTATTTAGGCTTGGAGTT

>naRXA02361
 ATGGAACCTTCTCTCCCACTTGCTTGCTCTTGATCCTGCCTCCCTCGTTTGACTGTTTAT
 AACGAGTCCACGGGTGCGCGTTTGGATTTCTCCGCCATCACTCTTGATAACTGGGCGTCC
 AAGGTTGGCAATATGCTCCTTGAGGAATTGGATCTGGAGGAAGGCTCGCTCATCACTATT
 GATTTGCCGGTGAGCTGGCAGGCCGCAATGATTATGCTCGGCGCTTTAGCAACTAGTGTT
 GAGGTCTCTTTTGATGATCCCGAGGCAGATGCCATCTTACCTCCCTCGATAGATTTTCC
 CACTACAAGGGCCATAGTGATGTGCTGATTGTCAGCGAGGATCCTTTTGGTCTGGAGTT
 GTTGAAGGTGGCGGTGAACTGCCTAATGGTGCCATCGATTTTGGCCCCACAGTGCGTTTT
 TATGGCGATCAATCTTCCAGCCTACCCGCACATTGCCGGAAATCATCCAGCATTCTGAT
 GTTCCGGTTGGCGCCAGAGTTCTTGCAACTGGTTGGTCAGATATCGAGTCCTTCAATCAC
 CAGGTTTTAGAACCACTCGCAGTGGGTGGCTCTGCAGTAATTGTGACCGGACTGGCTGAT
 ATTGAGCGTTTTAAACCAGATTGCAACCAATGAGAAGACAACCCACCGTATC

>naRXA02361-downstream
 TAGGCAAATTTCCGTTACTACTA

>naRXA02362-upstream
 ACAATTGTTCCCATTCGCATATCTCGTGTCCACCAGAGTCGCTACAGTAACGAGAACTT
 AATTATTTGATCCGATTCTTCCGTTCAAAGGCCTCATTCC

>naRXA02362
 GTGACTATCTCTCGCCGACTCAAACAAGAGCGCAGTTTCGCTGACGATCTTCAAGATCTC
 AAAACTCTCAATGATCAACTGCGGTTTACAAACGCCAAATTGCAAGCTCGCATCAGTGGT
 ATTGGCAATGATGGAAAGAAAATCACGCGCCCTACCCACTCCTTGCGCTGGATTTTCAG
 CTGACCGTTGAAGAATACGAAACGATCATTGCAATCTTGGTGGAAGCAGTTGGCGGAAAT
 CAATCCAAGCCAGCGATTCTTAAAGATCTGTTTATAGAATATCCACTCGTCTTCTGGCA
 GCGCTTTCTGGAACCGCCATGCTCGATGCTCAAGAAGGTTCTGGCCTGCGTTCTGGAAA
 CGCACTCAGGTGTCAGTTCCAGAGCATGTATACGACGCGATCCGTAAAGAACTAGTTAAT
 AGCATCCGCAAAAATGGCCTAGAAACTTTTTCTCTCGCTGACCTCAATCGACGCGAATAT
 GTCGGACTCATCAACTTCACAGTGCCCTTTCTGCAAAAGACATGCTCGCCTTGGTCAAA
 TTTATCGATCACACTCGAGCAGAAAACCAAGGATGGGATTCTGGTGAGGACTTTGCATCA
 TATGCGAAGAGTGTCTTCTCTCCGGGGACAACCTATTAACCACGGAGTCGCTCAAGCAA
 TTAGTCACCCACATCCCTGCGCGTTCCGTCGACTTCATCGCCAGAGTCTATGAACCTAAC
 AATTGGTACCGCGACCTCAAAGACCTCAATGAAGTAGAAGCCTTCGTAGGTACTCATGGG
 CTGCCGGAATTGTCTTTCAAATTTCTTCTGGAGTGTCTGAGCGGCGAAGCTGAACAAATT
 GCCGAAAAGACGAAAGCAGCACCAGCAAGCCTGGAAACCTGGAACCTCCGCATCTCTAT
 CTGGATCCACAGAGTTTGAACCTAGTCTTGTCTTCCAGCGATCTCTAAAACCTGCAGCA
 CTTGAGATTCCAGACCAAGATGGACAGTGATTTATGACGGAACCTCCATTAAAGTTCTGT
 CCCGAACAGGACTGGTCTACGGAGGTTTCGCCGAATACCGTTTGCCTTTAGACAAACCG

CTCTCCAGCTTGAGAGTCATCACTCCAACAGAGAAATCCCTAATTCTGATTGAAGGATTT
GGCCACAAGAAATCCCATTATGTTCTTTAAGAACAACGGTCAGCCATATGCAAACCAAGAA
ATGCTCAGTGGCAACGCTGTACAGCTATAGTCCCAGCTGCAGCAATCATTTCGTGCACGT
ATGCGAGCTTCCAAGACTTTCAACTATCAAGACTTGGGTCCCTTGTCGGGATGGAACAAG
TGGGTCAATTCGTTTCGATCCCACTCAAACGAGCTGAATCGATCACAGTCTCCACGGTGGC
TTCAGAAAAGAACTCCCACTCCGAGTTCGACGCAAGTTGATGTTCAATGGATTACTGAGGATCTC
ACGATCGAGAACTCTTCAAGGTCTCGATGATGAGGCGGTTTTCCACACGAGTCCCCGCATC
GAATTCACCACTCTGGATCAAACCTGGGTAATTTCAGTATTCACAGATTCTTCCAGATGGC
AGCCTCATCGAAATGGAAGATTACCCAGTCGAACCTGAAAACCTTCGGATACGAACCTAGAC
CTCTTCGAAGAATCCGACGACCCTTGGGTGGGCAATTTTTAGTAACCTGCTCAAGGAT
GAAAAAGTCTATGAAACCCGCAAATTCATCTCGCGGAAGGCCTCGATCTTCCCTAACA
TTCAGCGGAGGCGGACCTGAAAATCGATTTAGGTACCCAGCATCAATCAGGGACAAACT
GGCTTAACAAAGACTTTTCGCGGTTTTAGTTCCAATTCTGAAAAGCACATCAGGTTCCCA
GATGAGATCATCGGGCTTGATGCATTACCTCTCAAAAAGCGTTTAAACATCGCAAGCGGT
GATTTCCCTGAGGACTACAACCTCGACGTTTTCATCACGCTCCGCAACTTCACTACCAA
GTACCTGTACACACAGCCAAACAAAGTGGGAAAGCACAAAGACGACACTAGATTTCAAT
GACTTTGCCGATGGAACCTCCAGATCAGATTCCCTAATGAAGTCTATGATCCAACTTG
AAAATCATTAATAATGGTGGCATACAAGAACTGAGTCCAGTGAGCCTAAATACTTAAGC
AAAATTGGTTCAAGCAAAGTGTGGTCTATCCCTATGGATCGCATCAAGGAACTCATGGAT
GATGATGCCCAATTCCTTTTTCGCGGAGTGGTTTCGCTGAAAGTAAAGACCAGCACCGA
GAGAAGATCATTAGCGAAGCTAAGCGAACTGGAAAAATCTCCAATGCAGCGCTTAAGAGT
GCTCGTCTCAACCTCAAGCAAGTTCACCAATTGCAACAATTGAGAAAAAGCCCTACTA
GCTGCGGCTGAAATTAAGCTTTCTACCGTGGAGTTGGAACCTGGTCGGCACACTTCTAAG
AGACTGGAAGGCTGGGCTAGGTCTGCGCTCAACCCGCTTGATCCACCAATCAAAGTCGAT
TTCCAAGGAACCTCAGGCTCACTTCCAGACACCCACTTCGTCGTTGGCCCTTTAATCGTG
GAAGTGAGAGAAAAAGAGTTTCTCTCCCAATGGCAGCCAAAAGTTCCCTCAGTTAAAGCC
GTGGTTGCAATGATCCCTCATTTGAATTGGACCCTCAATTTGATCCTTTCCTCACACAC
CGATGGATGTTTCGCTCCACGAAGTGGGAAGGTCTTACTCCACAAGAAATCCGCACAGTG
TGGGACGCCCGATTCATATGCGCCATGTCTTAGCGCAGCGTGAAAACCTTCATGTGAAA
TCGATTCAAGATTTTGACGATGCCACCAGTACCTATCTCACCAGTGATCCTCGGGTGGCA
TTAGATGAATTGGATAAGAGCTCAATTCCTGCTAATTCCTCACTTTGAATCATTCATCCGA
TCCGGATTAGCTGAGCTTTCTTTTCAAGTTGACGACACAGCCGGAGATATCCATCGCGTT
CCCTGGATCGGCTGATCCAGGAAATGAACGACCTCAGAATTCTGCAGATACAAGGCTAT
GAAACAGAAGAACGAGCCATCGAACGCCGAAATTCGAGAGCTACATCCGTGAGATAGGA
GGCAGTGAATTGTGGAATATCCTAAAAGGAAATTCAGAGGGATTGTCTCTTGCTCAAAAA
TGCGCACCAACAGCCACTGAGATTAATGTGATTGTAATTCAGGCTTGAAGCTATGCGC
AATGGGCTGGGCGCCGATCAGTTCAGCGCCGAGTTTATTTAGCAGACTCACGCCATCGA
GCTCAGCTTGAAATGGTTGGAAAACCGCCGAGAGCTCAATGATCTCGGCCAGCTCCCAACG
CTCTTCGATTTTCGCGGAGAAATACGAGTACCTCATCGATCACTTAGGTGATGATCGCATC
AAGGTCACGTGCACGTGAGCTGTCTACTCTTGGCTCGGAACACCGTCGCGCAACGCTGAA
AACTGGCTTTATGCACCATATGTGTCAATTCATTACAGCTTGCTTAACCGAATGATCGCT
CATGAAGTAATACGTCCGATCGCTCAGATCAATTACTCACGGCAGATTGGGCAAAACGCT
GCTCGGCTGATTCCTCGTCTCACAGGATTTGACCTGGTGAGTGCCGAAGCGAAAGTGCTC
AGCGCAATAAACAAACAATATAATCCCAACTGCAATT

>naRXA02362-downstream
TAAGGATCACTATGTCCAACGCA

>naRXA02367-upstream
GGCACTTGAATCCGACGCTAAGTTGTTGATACATCAACTTATTTCTTGGCTATACTTGA
GGTCAGTTTTCCTCAGCTCAGGAGAAGTTCGGAGAAGTCC

>naRXA02367
ATGTCAAACGCAGAAATTAATCCCGTTGAATATGAAATCAACAACCACGCCCTGGTACC
GCGCTAAACCCACAGTGCGAAGACGGCGCCAACGTAGAAATCATCACCTCCCGTGAAGTC
CCCCTCGGCGGACACGCGCCATGACCGTGCACCGCACACTCCCCAACGCCAGCGCTCC
CTCATCGGTGCCTGGTGTTTTGTGGATCATTACGGCCCCGATGATGTCTCACTAACCGGT
GGCATGGATATGGCTCCCAACCGCACACCGGATTGCAAACAGTCACGTGGCTTTTGA
GGCGAAGTCACCCACCATGATTCCGGCGGAAATCACGCAGTCGTGCTTCTGGCGAAGTC
AACCTCATGACCGCGGCGCAGGCATCTGTACACCGAAGTTTCCGCCACCTCCACCAG
ATTCTGCATGGTCTGCAGTTGTGGACAGTTCTTCCCGACAAAGACCGCGAAGGACCACGC

CGCTTTGATCACTACGCTCCAGAAGAAATCACACTCGAAGGCGGAAGTGCACGCGTTTTTC
CTAGGTTTCGCTATTTGGTCAAACCTCCCCTGTTTCATACGTTTACTGGCTCTTCCTGTTTT
AGAGTGCAT

>naRXA02367-downstream
TGATCTTATGGACCAACTGCCCT

>naRXA02368-upstream
CTTAGGTCAAGCTTGCATTTATTGGCTAGTGTGCGAAATCATGGGAGATTAGCAAAGCA
CATGGGCAGTGAACCACCAGCATGGTGGAAAGTTTTTACCG

>naRXA02368
ATGATTGTCCTCGCTGGAGCCACTCGAGTTACCTATGAAGTAGAACCTTGGCTGGCGATC
CCATTATTCAATTTGGCTTTTGCATCGATATTGATCCCATTCCCGATCTCTAAGACAAAA
GGACTCCGTGATATCGATGCCTGGAAAATCCACACCACGCAAGGCGATAAAAAGCGTGCC
ATCCGCCAACTGATCATTCCGGCTACGGCTTTGGCCATCGACATCATTGGGCTGCCGACA
TTATTTAATGCCCTCCCCTTGCTTCCGCTGCACTTTTGGCGGTGTTACGGCGCTTCC
CTAGCTTGGGCTGCGTACAGAGCTGATCAGCTTCCACGCATTCTGAACGAAGGAACGCCTC
GCAGAACTTTCAAAAATGCATCTCTGGATGATGTGCGCTCAGATGACTTAGATGTTCTA
GAGCAGCCGGAAATCCCGTGAATTAGTGCGCTGTCTGCTTGCCACGGTGCGATGGATGGC
ACTCGGGTGATGGCCAGACAGGTGCGCGGAGTACTGGATACCGAGGTAGACGAAGTACAT
CAGGTAGCACGCTCACTAGAACAGCATGGTTTGGTTAGTCGCTCCACCATCATGCCGGGT
GGGGATCCAGGAAAAGTATTCATCGAAGTTCCCTGAAAGGGATCTCAGCCATCAAGGCA
CTTGAATCCGGACGC

>naRXA02368-downstream
TAAGTTGTTGATACATCAACTTA

>naRXA02374-upstream
ACCCACAACAGACATATTTCTCCTTGATGCGCACCAAAATGCGCCTTAGGTTGAGATGA
ATTGGATAGCCACCGTACGCCTATCTACACTGAATTACC

>naRXA02374
ATGAGCTATGACTTTGTCTCTTTGAAACCGATGGCGACCCAGGTAGCGCCCGTATTTCC
AAAACCCCACTGACCGAACGCATCGATTTGCGCCACGCCATCTACAACCCCTGTGTTGGAA
TCTCTTTGCGCAGGGCTTGCCGAAACGGTGCCAGACACCGTCAAGCTTGAAGAAGACGCC
ATCCACTTATCCGGTGATCGTTGCTTTACGTTGTGACCAACTACAACCTCCGCCGAAGAA
GCAGCCGAATGGCTACCGCCATCGCTTTCGATTACGGACTGGGCCTTGCCGACATGAAC
GCGGACACCATCTGCTTTTTCGGCGATGAAGATTCCGACGCTGTCGTCCAAATCGATGAC
TGGTTCTCCCCCGTTTCTCTGCGTACGGCCTTCCCCACCTCCTGGTGGAAAGTCATGCGC
CTGAAGGATTCCAAAACCCCTTATCTTCGAGTCACACTTGCTGCAGATGACTCGAAATTT
ATCCAAACCCTTTACGAAACCGACAACAACAATGGTTGGTGGAAACCTCTTCCTCCACA
GGCACGGACGAAACCCACGTGAAGACCATTAATGATGTGCTGGAACGCATCGAGACATGG
TTCAACCAGGAGACTGCTGTC

>naRXA02374-downstream
TAAACCTTTTGTCTGTTCTGGG

>naRXA02381-upstream
AAGTTTGAAGAAGTAATCAAGCTCCCCTGTGAGGACTCGTTGTAGTCTTTTATTAGTTA
ATAAAAGATTTATACCAACTTGTGAGCAGGGGAGCTTTC

>naRXA02381
ATGTCTGTCAAACTTCCGTCGGTTTCTTGCTGGCATAGCGGTCAATCGCGGCGTGTT
GCTGCGACTCCAACAGCTCAGGCACAAAGCAGTGGCTCTTCTGGATCCTCTGGTTCTTCA
GCGGGATCTAGCGGGCTGTGGGATTTACTTTTCCAGAATCCCATGAGTCTTTTATCGAG
CGGCTTCTTGATCCTTTGGATGACAGCCATATATCTATTACCCCTGACCTACCCAGAC
CTGTATGAAGAGGTGTTTGATCCACCGCAAATTGGTGAATGCCAGCCGTTGTTGCTGTG

GTCGCACGAGGCAGTGAACAAAACCTTCAAATCCGACCCGCGGATACAGCGAGGAATCT
CCATGGACATCCAATGGATTTGAGGAAAAAACTTTTCGTAGTTTCTTTGGCCGAATGGAA
AAACACTACCGTGAATCGACTGGCGAGTCGTTGATGAAAGACGTCTACGTGATGGGTCTG
AATAATATCGAATACCCTGCTTCTTTGCCACTGTCTTCGGAGGGAAGCAGCGCCATTGAA
TTGGGCACTTCCATTTCTAGTGGTCGCGACAATGTCATCAGCGCGATTGATCGCTTTGAA
TCAGCGACAGGGTGCACGCCGAAGTACCTGTTGGCGGGTTATTCTCAAGGTGTCCTCATC
GTTGATGGCTATGAAGAGGAGTTGATTGCGAGGGATCAGTACCTGGGAGCCTGCACATC
GCGAATCCAGCGCAACAAGTTGATGATCCAACACTTGTGGGCATGAAGTAACCACGGGA
GGCTTGGCTAGTTCCGTGGAGCCCGTCGAGGACAATCCTTTCAAGGTGAGCTACTGCCTG
CCTGGAGACATCGTGTGCGATCGTTCTTTTGAACAGTTCTCTGCTGCGGGATCCTCTATA
GCAGCTGCGCAATTGAGCACCGGAAATATCCGTCCAGGTGAGTACACGTGCAATACTTC
GTTACCACCCAACCGTGGGATGAGCAGATTTTGGACGAAGTCGCATCGTGGATTGAAGCT
GCC

>naRXA02381-downstream
TAAAAACTCGCGAGGACGCATGC

>naRXA02383-upstream
GGGCAACAATGTGAAAACGCCAGTGGTATCTTGACGGCTGGAACATGGGTGTTACGCA
GTAAAGAAGATGGCAATAAAAATGTGGAGGAGTAAAGGCG

>naRXA02383
ATGCCAGTTCGGTAATTTGTTGATTCTCCGCATGCTTGCCAACGCATGTGGCCGAGGAC
CTCGACATCACGGTGATTAACCTTGACGTGATGAATAACGGTGAAGAACGCAGTACATCC
GGGTTGTCTGCTTGGAACTTGACGCAAGTTACGCCCCGAGCTTGAACGCGGTGGCGAT
GACGGTGTGCTTGGCTGCATATTTCTAAAGAGCTCTCGTCCACGTGGTCCGACGCGGTG
ACAGCAGCCGCTGTGTTGATGATGATTCTGTGCGCGTGGTGGATACCAGTTCGCTCGGT
ATGGCTGTGGGTGTGCCGCGATGGCTGCTGCCCGCATGGCTAAAGATGGCGCGTCTTTG
CAGGAATGCTACGACATCGCGGTGGATACCTTGAAGCGTTTCAAAAACCTGGATCTACCTG
CACCGCATTTGATGAAATCTGGAAGTCGGGACGGATTTCCTGCAACCGCCATGGTGTCA
ACGGCTCTGGCAACCCGCCCATCATGCGTTTCAACGGTGGTTCGCATGGAGATCGCCGCT
AAGACCCGCACCAATCTAAAGCGTTTGCCAAATTGGTGAATTAGCCAGATCAGGGCA
GAT

>naRXA02387-upstream
GCTAGCCCCGATTTCGCTTCAGGTCAACACCTTGAAGGCCAGCGAAATTACTCAGGGTGAA
TTGTTGGATGCGTTAAGCCCATCCTTGTTTGTGAAGACC

>naRXA02387
GTGTGGTGGTGGCTTACCAACATGGATCAAAGCAGGCCAAGATGCTGTAGATCTAGCCTTA
TCCGACAGCTTGATCCAGCCCTGGTACCTACTTGATCGTCATGCACTCTGGCGGTGGA
CGCTCTAAGTCGATGGTGAAGAAGCTGGAAGAGTCGCGGTGGTGCACGATGCCGCAAAG
CTGAAAGACCGGGATCGTCCAGGTTGGGTAAAACAAGAGTTCAAAAACCACAAAGTCCAG
GTCACCCAGATGTCATTCATGCTCTTTTAGAGGGCGTGGGTTTCAATCTAGAGAGCTG
GCGTCCGCCGTATCCCAATTGGTTGAGGACACCCAAGGCAACGTGACGGTGGAAAAAGTC
CGTGCTATTACGTGGGTGTTGCTGAGGTATCGGGTTTCGACATCGCCGATTCTGCATGC
GCCGGTCAAATGTCAAAGGCCGTGGCCAGCACCAGACGTGCCCTTCAATTGGGTACCAGC
CCGGTTGCATTGGCAGCTGCGTTGAGTATGAAAGTTGGCCAGATCGCCAGGCTGTATTCC
ACCAGGGGACGCATCAACGGTTTTGAGCTGGCCAAAGAATTGGGCATGCCGCCGTTTCGTG
GTGGAGAAGACTGCGAAAGTGGCCCCGAAACTGGTCGGGAGATGCGGTGACGAGGCGCGT
ATTTTGATGGCCGATCTG

>naRXA02390-upstream
GCTGGTGGTGTGACCCATACGCTGGAACCTCAACTGCTGTTGATACCGCCAAGATGTTT
GGCCGCGAGGATCTCGTAGCTCGCTTCGAGTCATAGGCCG

>naRXA02390
GTGGAGTGGACCGCTTTTGGCACCTGATTCTGCTCAATTTGGTGGGCAGTTTATCCCCG

GGGCCTGATACCTTTTTCTCCTCCGCTTAGCCACCCGCTCCAGAGCGCACGCGATCGCT
GGCGTCGCCGGCATCGTCACCGGACTCACGGTGTGGGTGACGCTGACGGTCGTGGGAGCA
GCGGCGCTGCTCACTTATCCGTCGATTCTCGGAATCATCCAGCTCGTCGGCGGCACG
TACCTAAGCTTCATTGGGTACAAGTTGCTGCGCTCGGCGTCGAGAGAGCTTATCGACGCC
CGCCAGTTCCGTTTCAACGCCGATGCCCGACCTATCCCGGATGCGGTAGAAGCACTGGGA
ACCCGCACTCAGGTATATCGACAAGGTTTGGCCACCAACCTGTCAAACCTAAAGTTGTC
ATGTACTTCGCGGCAATTCTGGGTGGGTGATGCCAGCGCACCCATCACCGGTGCTGGCG
TTCTCTATCATCGTGGCGATTTTAGTGACACCTTTGTTACCTTCTCTGCTGTGTGCCTC
ATTGTCTCTACGGAGCGTGTGCGCAAAGCAATGCTGCGTGCAGGTCCCTGGTTTGACCTG
CTTGCTGGCGTTGTCTTCTCCTCGTTGTGGGTGTGACTCTGCTGTATGAAGGCCTGACCGGT
TTACTCGGG

>naRXA02390-downstream
TAAAGGCATAAAAAATGGCTTCC

>naRXA02393-upstream
GCCACCTTCATTTTNCANGCCNCGCAAATCAGAACNACCTTCTGGCACTCCCNGC
TCAAATNNGGACGTCCATGCNGANGTTTAGACATCTTC

>naRXA02393
ATGGCGGAATCTTAGTGATTATCAACATCGACGAGAAAAGCGCCAAGCTGCTTATCGAC
GCCGCCGCCACCACATCCCCACCGCTTACCGGGCCCAACGCCCGGCTCAGCGTC
ATCCCCATCGAGGATCCCCGCTCACGCCGACGCTCCACCCAGATCATGGTTGGATGATG
CCGCTAAGCCCAAGTGGTGGATGAAGTGGTGGCGGTGGCTTGAAGATTGGAGAAACA
GAAGTAGAAGCACCAACATTGCGTTTATTGTTGATGCTTCC

>naRXA02393-downstream
TAAAAATCCTGTGCCGTGAGGTT

>naRXA02395
CTCATCACCATGGCTATCCCCCTCCTTCATTTTGATCCTGGCGTTCACCATTTTCGGTGGA
ACTGCCATCACGATGAACCGCGAGAACGTAGATGGTTTTGACGGCAGTTCATCCAAGGAA
CAGGTGCTGTTTGATATGTTTACGCAACCTTCCGCTGTAATCGATCACACCGTTCATTTTG
ATCTTTGTGCTGGCAGTATTCTTTGTTACCTTCTGCCGATTCCGCCTCCGTGGTGATGGGA
ACGATGAGCTCCCAAGGTAACCTGCACCAAACAAATTAATCGTGGTGTCTGGGGACTG
TGCATGATGGGATCGCGGTGGTTCATGCTGCTTACTGGTGGCGAATCCGCGCTGACTGGT
CTGCAGAACCTCACCATTTTGATCGCCATTCCGTTTGGCGTGGTGTGATCGTGATGGCT
ATTGCTTTTATTAAGGACTTATCCACAGACCCAGCCGCTATTTCGACAACGCTATGCAAAG
GCAGCCATCTTAACGCGGTGGTTCTGGCTTGAAGAACACGGCGACGACTTCGAGCTC
TCCATCGAACCTGCAGAGGAAGGTGCTGGAGCGGTGCTACCTTCGATTCCACCGCTGAT
CACATCACCAGCTGGTATCAGCGCACCGACGAAGAAGGCAATGATGTTGATTATGACTTC
ACCACCGGCAAATGGGCCGATGGTTGGACACCGGAATCGACCGAAGAAGGCGAAGTGGAC
GCGAAAAAGGAT

>naRXA02395-downstream
TAAAAATAACGACTGGCTGGGA

>naRXA02396-upstream
GAGTGCTTGTAGGTGATAGAAAGTAACTAAAGTAAACATCAGGTTAACAGCCGGGGGT
TCAAGTATTAATCCCTCGGAAACAGAAAGGAACACGACA

>naRXA02396
ATGGCTACCACAGCTTCCAAGATCTCCACGATCCGTCCAGCACAGCAAGATGCTCTTTGG
AGCGTACGTGAGGATCTTACGCTCGCTTCGATGGCCTGGTCGATCCTGTCCAGGTAGAC
GCAATTTTGGACCATGTCGATCTAACCGCGAAGCCAAGATCACCGTCTTCAGCAAGATT
TTCATCGCTCGGAGGCAACCGCTGCACCTCAGCAGATTGCTGGCAACGTTAACGCAGAC
CTGCTTGACTTCATTGCCCTCAACCGTGGCATGGCAGCA

>naRXA02396-downstream
TAAGTTTTAGCTGCCATAAATT

>naRXA02398-upstream
GTGTCCAATGAATGCGTTCAATAAATGCCCTCTTTAAGCATATTCTCTGAGTGCATTCAT
TACAGGCGTTAAATTAAATGEGTTTCATAGAAGAACTTGAAA

>naRXA02398
GTGGTTGAAGTGAAGAAGCGTAATCTCCTCGTAGCTCCCCCTCACTGCTTCCCTGGTGTTC
TGTAACCTTGGCTGTTGCAGCAAACGCCGTTGAAGTTGAGGCCGAATCACCAGTTGTCATC
AATGAAGTTGAATCCAACAGCGACCCAGTTGGTGACTGGGTGGAGTTGGCTAACACCGAC
AACAACAACCTCCATCGACATTTCCGGTTGGTCCCTTAGTCGATGACAAGGAAGACCTGGAA
AATGCCCTCGTCCCTTCTGAAGGCACTGAGATTGAGTCCGGTGGATACTTTGTTATCTAC
ACCGACTCTGCTGATTACGTGCCTACCAACAACACCTTTGGTGGCCAGGAATACTTCGGC
CTCGGCAAAGATGACACTGTTACTCTGCGCAACGCTGAAGGCGAAGTAGTTGCTACCTAT
TCCTGGAAGGATCTGGGCGAGCACGCAAGAAACACCTATGGTTCGCATCCCAGATATGACT
GGTGATTTTCGCAAACACCGGCGTTCCAACCCAGGTGCAAAGAATGTTGCTGCTGAAGGC
TCCGGCGAAGAAGAAGGCGTTGTTGCAAACGCCAGCTTCCATTCCACAACGTTGAAATC
ACCCCAATTCACCTCGGTGGAGATTTACCGGTGAAGATATGTCCGGCGTTGATTTTCGAT
GCAAACAGCACCGCATGGATCGCCAACAATGACATTGGAAAGATCTACTCCCTCGCCAC
GACATAGCTAACACACCTACAAGCTGACTGGCGAATGGGAAACCGGCTACCCAGAAGGC
GGCGGAGAGCCAGACGCTGAAGGCATCGTCGAGCTACCAACGGTGACATCTACCTGTCC
ACCGAGCGCAACAACGCTGACAAGAACGTCTCTCGCCCATCCATCCTGCGTTTGTCTACC
CCAACCTGGCAAGACTGGCGTACAAAACGCAGTTTCAGGAATGGGACCTGTCTGAGTTTCGTC
GGCGACATTCAGCCCAATGGTGGTCTTGAGGCAATCGCGCAGCTCGAGGACAACATCTTC
GTTGTGCGGTGTCGAAGAGACAGGTGATGTCATCGTTGTTGATCTTTCCGCTGACCAGCCA
GTTCTGGTTCAAAGGTACGAATCTTCTTCGACGGTGTGATGTCGCTTGATTACAACGCA
GCAACCAAGCAGCTCAGCGTTGTGTGCGACGAAGCATGTGACGGCTTGTCTGAAATCCTC
GAATGGGATGGCGAGAAGCTGTACAAGTCCGACGACAAGATCTACGAGCGTCCAGCAAAC
CTGGGCAACTGGGCTAACGAAGGCTTCGGCACCTACACCTCAGAGCTTAAATGCGAGAAC
GGCAACACCGTTTCTGTCAACAGCTACCTCTGGGCTGACGATGCAGCAACCAACGAAGGC
ACCTCCCTCAACTCCGACAGGTCAACGAGATTGCGGCGACGTCAACATCCCTGGA
GAGTCCTCTTCCGACAATTCTCTTCTGACTTTGCAACCGGCAGCATCGCAGGCGCCTTT
GCAACCGCAGTGCTCGCAGTCGTAGGCATT

>naRXA02403-upstream
GCACAGAATTAAATCGCTGGTGTGCGAACTTTCATACCTTAACGCAGTAGTGCTTAA
GGCACAACGTGGGGCAATTCCGGCCTATACTTTGGAAGT

>naRXA02403
ATGACTACTTTTATTACCTCCGGTGGCTTGGAATCTCCCCCGCTGGCGCTCATATTGTT
CACGCCGAATCACCTGAAGGTGAGCTGTTGTTTGTAGCTCCGCTTCCCAATATGGGGAG
GGAAATGCAATTAGGGGTGGTGTGCCCATCATTTGCTCCATGGTTTGGTGGACTGCTTGGT
TTGGACCCTGCACATGGTTGGGCGAAGCGTTCCGCGTGGGACGTGACTGAACATGACGGC
CAAATTCACGCTGAATATGGCCGCGATGGTTTACTGCTGGATATTTCGTGCGAACAGCACT
AAGAATGGTTTTGAGATCACCTGCGCGCTTACAACGACACCGATGAGGCACGCACTGTG
CAGTTGGCCTTCCACCTTATTTCAAGGTGGATGATGTAGAAAAGATCGAGGTCCGTGGC
CTTGATGGGGTGGACATCTCAATCGCCTGAACAATGAGGTGGAGACCCAAGATGGTCCC
GTTACTTTTGTATGGCGAGTTCGATCGCATTGCGCTAGGGACTCCGTTGTGAGGATTTT
GATACCGATCGCATCATCACCATTTAGGGCGATGGTCATGATTCCACTGTGGTGTGGAAT
CCAGGCGAAAGTCGCGCCTCCACCGTGGCCGATATTGGCGAAGGTGAATGGCGCGACTTT
GTGTGTGTTGAACCGGCGCTTTTGGGTGCTGACCAAAAAGGAGTGAGGGTGGCTCCGGGG
CAGTCAGTCACCGTTGGGATGCAGGTAAGCGTCGAAAAGCGTGCT

>naRXA02403-downstream
TAGTTTTTTGCTTTGAACTCGCG

>naRXA02406-upstream
CACTCTGATAGCCTTTTCTCTGAAATTGTACCGAGCATTTGATTTTGTTCCTTATCAAT

GCTGGTTTTGGTGACAAAACTCGGCGGAAGGACCACCGA

>naRXA02406

ATGGAAACCCTTGCAGCACAAGCGCGCACCCCTGCTAGAAAAATGGGGCGTCGCGCCGACG
CACGCATCTTTTCGTCGAATCCATTGCAAAGGCCATCCCGATTCTGTGATCCTGCTGACG
CTGATTGTCACCGTGAATGGAATTTCAAGCGGAAATCCGGTCCAGCCACCAGCACTGGAA
CAGGTACGGACCGATGTAGTGAACAAGATCAACTACGAACGCAACCTAAAGGGCCTCGTC
TCGATCAGCCCGGAGCTTGAATTACACACGGCAGCCCAAACAATTGCGCAGCGAAATGCA
GACTCAGATTCCGAAGAAAAAGTACCGGATCCAGAGGGAACCTTGGTGGTTCTGCAACAG
AATCTGCCCTATGCAAATGCCAACGCCGATACCATCGTTGATCGGTTCTTAACTCTCCT
GATCATGTCAAATACTGCTTGCAAACGATTATGAAGCCATCGGAGTTGGTGTGGCCTAC
AAGGGTGATCATGCGTGGATAGTGGTGGAGTTCACTGTAGCTCCCGCTGATTCCGTAGAA
TCAACAGAG

>naRXA02406-downstream

TGAATACCAATCCGTCTGAATTC

>naRXA02407-upstream

GGATAAAAATTTGGATGACATATCACCTAAGCTTGCAATTTCTACTGGAATAGCGCGACT
ACTCTGCACCAACGCATAGTTGTTGACTAGGCTATTTGTC

>naRXA02407

ATGAATAGGCAAAACCAACTTCACTACCCGCAGGAAGTGAAGGCAGTGGAAGTGTGGAA
TCAAGCTTGAACATGTCGTACCTTCTGCACCGCTTGCCACGCCAGATGTTGAGCTTGAT
GTGCACACGTTGTCGAGCGAAAACCTGCCTTGGTTGTGCATCGTGTGGGATGATCCGGTC
AATTTGATGAGCTATGTACCTACGTTTTTTCAGACTGTGTTGGGCTTCAGTAAGAAGAGG
GCCACTGAGCTGATGATGCAGGTGCACACCGAAGGTAAAGCCGTGGTGAGTTCTGGCGAG
AAGGAC

>naRXA02408-upstream

GTGATGTACGCGCGGGGAAGCCGCGAGGAAGACCGCGAAAACCTCGTGCACTGGCTTG
CCTACAATCAAGAGTCCTTGCTGGAAGCGATGATGAATTA

>naRXA02408

ATGCTTATCGACGTCGCGGGCTTCCTTTTAGGCCACGTCACGAAGGGGGATACGGGTTC
TCAGTGGTCATTGCACCTAACGGTGCATTTGCGGGCGTCGATGTCCGTGGGGGAGGCCCA
GGCACCAGGGAACCGACCTTCTAGAACCACACAATTCTGTGCAGCAAGCACATGCCGTG
GTGTTGTGTGGCGGTTTCGGCGTTCGGGTTGGCTGCTGCCGATGGAGTGATGACAGCCCTA
GAAACCGCGGTATTGGTTTCCCTGTCCGTCCGAAGGGCCTATCGTGCCAATCGTTCCA
GGCGCTGTGATTTTGGATTGTTGGTGGGCGATCCCAAAAACAGGCCACGGCAGCTGAT
GGGGAACAAGCAGTTGAAAACGCTTTCGCTGGTACACACAACGGTTCGGGCAGCGTCGGT
GCAGGAACGGGTGCTACAGCAGGTTCGGCTGCGTGGCGGTTTGGCCAAAGCTCGCGCCGG
GTCGGAAAGTACACCATCGCGGCAGGGTTCGTGGCGAATCCTGTTGGGGAAGTCGTGGAC
CTAACAACCTGGAGCTTTGTTTGGTAGGCCCGAAGTATGGGGGTGGGCGTCGATAAGCTA
AAAAGCGCGGCAGAGACGCTGAACACGACCATCGGCGTCGTGGCAACTGACGCGCCGGTG
ACAAAAGCCCAAGCGAAGCGCTTGGCGCTGGTGGCCCATGATGGTTTGGCGAGGGCAGTG
CGGCCGTGCAATTCACCGATGGACGGTGACACATTTTCGCCATGTCATCGGGTGATGGT
AGTGGCGTTACCCCGGTTGAGCTGGGGGAATTGTCGGCTCATGCTGCA

>naRXA02409

CGTGCACAGTCTGTGCCAAGGATCCTCTGGCAGAGATGACCGGCATGACAAGTGGACAC
AAAGAAGCACCAACCGATCCGGCGCTTGCGCGTTTGTCCCTGATTTTCAGCACGAGGGC
GATGAGGAATACGACGGCGATAATTCTTTCCCTCCGTCACTCCATGAAGGCGACATCACC
CGAGCAAACTGGAAAATCTGCGCGTGATTAACGATGCGCTGGGACCCGACGGAAATGTT
GCGGTACCCGCTCTGAGGAGGAAGCGCACGCTTGGTTGGCTGCGCTCAATGACATCCGC
CTGTACGTTGCCCTCCGTGATGTACGCGCGGGGAAGCCGCGGAGGAAGACCGCGAAAAC
CTCGTGCAGTGGCTTGCCCTACAATCAAGAGTCCTTGCTGGAAGCGATGATGAAT

>naRXA02409-downstream
TAATGCTTATCGACGTCGCGGGC

>naRXA02412-upstream
TGCGGTGCGAGCAACTTCGGAGACTATTGGCTCTCTACAGCTGTGGCATCCGCGAAACG
TTCACCCAAAGGCAGTCTCATTGGGTGATCTTGATCTTG-----

>naRXA02412
GTGGCCATCATCGTGATTGCGTTTGTCTTGTTGTTCAACAGCCTCGTTGCACCAAATAAT
TCCTCGAGCCCTGTGGCAAGTCCAAGCACCTCTGAATCTGTGGAGCAAATATTTTCGGAA
TCCCCTGAGTCACCGAGCGCGACAGAGGATCAGCCCCAAGCAGTGCAACGGAAACTCCC
CGAAACCGCCCTGCGCAACCATCACTTCTGCGGGAGCATCACCAGCCAATGATGCTGCT
GCCACCCAGACCGATGCCGGCAATTTAAACAATGTGTACACCGGGTCAGCGTCCACCTCA
GCAGGTTTTGCTCAAGCCGTCCGAGATGCTTTTGTAAACCACTATTTAGACACCAATGAA
CTATCCGGCAGGGTGACAGCCACCAGCCCTGTCACTGGCGGAAACTACACCATGAAGTGC
GAAGACAACGGCGAGTACGTACCTGCACAGGTGGCAACAACGCCGTTGTCTACATTTCT

>naRXA02412-downstream
TAAAACTTCTAACTACACCCGGG

>naRXA02417-upstream
CGCTGTTTCAGAGGACTTCCGCGGGGGTCGACAGTATAACGAATTAGCGTCACTAGAATAA
TCGGGCTGTTTAGTTCTTCACACCAACATAATCTTATGTA

>naRXA02417
ATGGACATGAACCTTCTTGACCGATTGGCTCTACGCACCGCGTTAGAGAAAATTGTTCGGCA
TCGGCTACCGCCATGGCGTCAGCGAGCAATGACATCAAAGATCTCGTTGCACGCCTTGAT
GCCCCAAGAGATGTCGCTTATCGACGCAAACCCGGCTCCACCCCAGCGCCCACTGCCCCA
CCCGAGGCTCAGCTTGAGCCCCAACCCTGGTGTATGCAACCGCCTCAACGGCGCCTGCA
CTGGCGGATGTTTCCGGGACCAACCGTATTCACGTTTCGTTTCGGCATCGCGCCCTGGAT
CCAGCGAGCGAAGGCTGGCCACTTGGCGTCGAGAAGCAAAAAGTGCAGGCTCCTGCGTAC
CCGCACCCCGTCCGGCCAGCTCGTCCGGCAAAGCCGCCGATGACGTTCGGAGGAAAAGATC
ATGCGTGGCGTGGCGATCGGCGGTGGTGTGATCACCGTGGCCGGCGTGATTTTGCTGGTG
TCGGTGGCGATTCAACGCGGTTGGCTTGGTCCGCTGGGTGCTGTGATTGGTGGCTACCTG
CTGGCGGTGCTGCTTCTTGGCGCCGCACATTATGTGCGCAAGCGCGGAACCCGTGTGGAA
GCACTCGTTGCGTTGACGGTTACCTCCCAGATTGCGTTTCTTGCCACAACGAGTGCAATC
ATCTTCATTTTGGAAATGGTGGCCGCCTGGATTGGGCTCGCTGGTGGCATTAATAGGCAAT
ATTGGGTTCTTAATCGTTGGTTCGATTGTGGAGCCTATCCAAAACCGAGAAGTCCGCGGCC
GAAGGCCACACAGTATTTGTGGGAGCCATCGCCGTTTCAGGATTCTCCGCGATACTCTTC
GCGCTCTCCGCCGATGCTTGGTGGCCAATTTTCTCCATTGTTGCGGCATTGTTGCTGTGCG
TACCGCATCTCCACGAATATCATCCGAGCGAGCATGGCGGCATTGCGGTCATTCTGCAG
TTTGTTTTGTTCGGCATCCTGGCAAACCATGGAATGGCCAGCAACAATCGTCCGCACAATT
ACTGCAGTCTTACTCGTAGCCTTGACATTGTGGGATCCGTTTAAAGATCACCGCCACCGAC
AGCCACGACATCGCGTTGGAGGAATACTGGCGCAGCTTTGAAACCAACCCTGTTCCACG
TGGGTGGGTGCTGTTCTCCGGTGCTCATCGTGTTCATCACCACCAGCATGTTCAATTGCA
GTCGACTGGCCATGGCTTGCCCTGATACCAGCGTGTGCGGTGGCAGCTCTCGGAATTTTC
GCGCTGCGCTCATCAGACACCGCGTCCATTGAAAATCAACGCATGTCTCGCCTCATGCT
GTTGTTGGCCTTGCGTTGATTGCTGAAACTTTTGTCCAGCTGTTCTACGGCGATCTCCCC
ACCAACCCGCTTCTCGTCATGGTGTTCCTCATCGCCGAGCTGCACTATTTATGTGGTTG
CGGATGCTTCCACCGCAGCGTCAATTAGGTGTCGTCCTGCGTGGGTGCTTGGCTGATTGCC
GCCGTGGCGATGACCGGCGTGCTACTGCGCAATGTCGTTTCAATTTCTCCACTGTGGCTC
ACCGATACCCAAGCGCTCATCCAAGCATTGCTGATCTTGGTGTTCATTGCCGCCACAATC
CAAGTCCGCCGAGCTTCTACGGACACAACTGTGGCTGCAAATTTTGGTTCGGCTTGACG
CTTCTCACGCTGTCCGCAATTTCCATCGTGACCATCACAACCTTCATCGGTGCGCTCATC
GCAGGAAATGCCGGCATGATGCTCGGATTCTCATCGGCCACGCCACGGTTTCTATCCTG
TGGATGGTCATCGCCGAGCACTGATGCTTAATAGGAAGCTTCTCGACGCGCCCGGCGCC
CTTTGGACCGCGTTGGCTTGGCGGTTGCGGGCACCTTCAAGCTGGTGTCTTTGACCTG
GTCGCGCTGTCCGGAGTTCCCCGCGCAATTGCCTTCTGCTCTCCGGTATCGCACTGCTG
ACAATCGCTGCTATGAGGGGCGGAGAACCTCAGAAAACAAGGCCGACGTAGCTAGACCT

CAGGTGGCTAGACATGGGGCGACTAGCCATAAAAAATGAGGAGCCTTCCCATGAAAGCCCC
TCATCTTCTCCTACAACAACCTCTT

>naRXA02417-downstream
TAAGGAATTGGCCGGTGTAGGAA

>naRXA02421-upstream
CGGTGTACTTTAGCAACAAGGAAAAATAACTATCTACGGCCTGTTAATAGTTCAACCTAC
AGGCCAAACCCGCCTTCATTAATGAATTGTGAGATCGACC

>naRXA02421
ATGACATTGCTCTTGAAGCCAATTTTGCAGGCTGCGGGAATCAATCCTGAAGATGCGTTA
GCAATGCGTCAATGTTATTTATTTTCGATCCACGAGGACACCAATTCCAATGGTATTACCCGT
GAATCTAAAGACGAAGAGATTCTCGCCTACACAGCTAGCCAGTCAAGTGATCCGCGTAGA
TTCCCACTGAATCCGCCACGCTTTTGGATGGTGTTCATCCGAGAAGGTGGCTCGCAGGCT
CGACTATGGAAAGTGGTGGAAAACACGGCGAAGTCACCAATGATGGCGTACGCAGAGTC
TTCAACCTTACTGAGATTGAACTCATGGATGACCTTGCAGGCAGACTCGTTATTTCGTTGG
AATTCACCACGCAAGTGGTGGATTAAAGGGCACTACTGCTGCCCTATACACCGTGGATACT
ATTGCCGATGCGGAGCCTATTCCGTTTCCAGGTTTCGACAATCTTGTCTGAGCTACCCA
TTTCTTCAAGAAGTGATGCGTGAACCTGCCTATGCTTCGTGGCGCACAGCTCTTGGTGCT
GTCAAAGGTATTTACCTCATTACCGATACCCGTAAGTGGCGCCACTATGTCGGCAAAGCT
GAAGGACTAGAAAACATACGCCAACGCTGGAACAGCTACGCCACCAATGGACATGGCGGA
AACGTAAAACCTCAAACAGCTTAAGCCCGACACATTTTCGTTTTTTCGTTGCTTCGGGTCTTT
GATCCCGCAACTCCAAC TAGCATTATTAACGCTGCTGAAAGCCACTTTAAAATTGCTCTC
GACACGATCAAGCACGGATTAAACGCAAAC

>naRXA02421-downstream
TAATCGCAGCTCCCCAACCCCAA

>naRXA02423-upstream
TAGGTACGATCGGACGAGGAGAAAAATCTGAAAACAATCCAGTGGCCACCTCGGCTTA
TAAAACTGGACAACAGTATTTTGATTGGAGCATCACCATA

>naRXA02423
ATGATCCGCAAACCTTGTCTGACCAATGCTTGCAATCGGTCTACGTGCGAGATGGCGCAGAA
ACAGTATTGAACACCAGCGCACACGTGCAAGGCACTCAGGTAGTTCTGGATCGTATCCGT
TATGTGCTGCCCCGTAAGTACGCAAAGCGCATTTCCAGAGATCCAGAATTGGTCAACCCGC
GTCATTGGCGGCACCAAAGTCTGTGCGGGTTCTTGT

>naRXA02425
CCCCGGCCTTTGATGAATTAACCAGTGTTTGGGGAGAAAAAGGCGGAAGTTGGGCCGCT
GTTATCGGCTTCTTCGGTGGCATCGCGCTGATCGCCATCATCGACCGCTTAGTCCCCACG
GCGATTAAACCCACGAGCCCTCCACCGTGGGAGGCGCCGTTGAAGGATTCGAGCGCCGC
AACCGCATGATGAAAATGGGTGTGCTCACTGCGCTGGCCATCGCGATCCACAACCTTTCCC
GAAGGTTTCGCTACATTCTTGGCCGGATTGTCCGATCCAATGATCGCGATCCCTGTGGCC
GTGGCAATTGCCATTCACAATATTCCAGAGGGCATTGCGGTGCCGTGCCACTGAGGGAA
GCTACAGGGTCACGTCGAAAAGCATTAGGTTGGGCGACCTCTCCGGCCTTGCTGAGCCC
GCCGGCGCCCTCATCGGATTCTGTGCTCATGCCCTTTATCGGACCAGAAGCACTCGGC
CTGTGCTTCGCCGCAAGTTGCCGGCGTGATGGTGTTCATCAGCGTCGATGAACTACTGCC
ACTGCCATCTCCAGCGGCAAACACCACACCGCCATCTACGGACTCATCGCTGGCATGGCA
GTCATGGCGATCAGCCTGCTGCTGTTTATC

>naRXA02425-downstream
TAGCGTTCAGCCGCAACAAGCAT

>naRXA02427-upstream
AGCGATGCTGACAGTGCTTCACTTCGGGCCGATCTAATTCCTGCTCGATTACCCAACTG

CTCGCGCAGGGAATCGTCATCGACGACGAGGTGAACTAGC

>naRXA02427

GTGGATTTTGGAGTTGGGTAAACGCTGCCCCCTGCGGAACTGGCCTTACCTACGGTGAGTGC
TGCTACCGCTTTCACTCCGGCGAATGGGTGGCCCCACCGCTGAAGCGCTCATGCGATCT
CGGTTACCGCCTTTGCTGTTGGAAATCCCAGTACCTTCTTGACACTTGGGATCCAGAA
ACCCGGCCAAGCGAACTCGGCCTCGATATGGGAATTGATTTCTACCGCCTCGAGATCCTC
GAGACGAEAGGGGGTGGACCTTTCGATTCCACCGGCACCGTAAAATTCCAAGCCTTCTAC
AAGGGGCTCGCCTCCGGCGTCCAAGAAGAAGACTCCACATTCCGCAAGGTCAACGGCGCG
TGGGTCTATTCCACAGGAGATGTCGAC

>naRXA02427-downstream
TAGTTTCCCCACAGTGCAATAG

>naRXA02428-upstream

CGAAAGATATGCATAAAGTGATGATGAAATAGCTTTGTGAAAGGTTTGCTCCCGGTGCA
TTCAGTTAGCGTGAAGGTGCCATCATCACAAGGGTTGATG

>naRXA02428

ATGGCCGCGACGTTAGATCTTCCAGATACAGATCCCATTGCCTATGCAATGTTTGCCAC
TGTTTACCGGCTCACGGTTACGCCAGCCGCGCGAGTCAGTAAACACTCGCAGAA
TCCGGCGTCGCCTGCCTGCGTTTCGATTTCCAGGACTGAGCCAATCAGAAGGTGACTTC
TCCAAAACCACTTCAACTCCAATGTGGACGATATCGTGGCGGCCTCGCAGTGGTTGACG
GAACACTACTCCGCTCCACAGTTGCTCATTGGACACTCCTTGGGTGGTGCAGCATCACTG
AAAGCTGCCACCAAAATCTCCTGCCTCAAAGCAGTAGCAACGATAGGTGCACCTTTTGAT
CCTGCGCACGCAGTCTGCACTTTGCTGATCGCATATGTGATGTAGATGATCAAGGTGCT
GTCACCTCTGCAGCTCGGAGGCCGGGATGTCACCATTTCCCGCGAATTCTCGAAGACCTT
GCAGAGGTCAACCCGAAGATCACCTCCGAGGCTCCGCAAACCACTGCTTTTACTGCAT
TCCCCACCGACCAACCGTCGGCGTGGACAACGCGCAGCTCATCTTCAGAGTCACTCGC
TACCCTAAATCCTTGATGACTTTGGACAAGGCAGATCACCTGCTCACCAAGATGGCACC
GCACAGCGTGCAGCCCGGATCATCGCGAAGTGGTTCGAGCCCTACCTGGTTCCAGAAAAC
GTCTGTGAGGATCTTCCGGAGTTTGTGCGCCGAAGCCTCAACCATCAAAGCCAGCAAATAC
GGCGCAGCCATCCGCAACCGGTGGTCACAATTTTCATCACCGACCGCGACAAATCCCAGGGT
GGCAAAAACCTCGGCTTCACCCCTACTTCCCTGCTGGTTTCCGCGCTTGCTGCTGCAAAAC
TCTCAAACGATCAAACAAGCAGCCATCGACAACCGCATCAAAGGCCTTGACGATGTCAA
GTGACGATCTCCAGGAACAATCAGCCGACCACGGCCAGATCAAACCTCCGCCGAAAGATC
TCTTTGATCGGCAACCTCAGCGATGCTGACAGTGCTTCACTTCGGGCCGCATCTAATTCC
TGCTCGATTACCAACTGCTCGCGCAGGGAATCGTCATCGACGACGAGGTGAAC

>naRXA02428-downstream
TAGCGTGGATTTTGGATTGGGTA

>naRXA02430-upstream

CTTGTAGTCAAGCGTGGACCAAAATGCAGGCGCTCGATTCCCTTCTGGACCAGCCAACCACG
ACCGCTGGTGCCTACCCAGAAAGTGACATCTTCCTTGATG

>naRXA02430

ATGTCACCCGTTTACGTCGCCACGCAGAGTTCCGCATCAATGAAGGTGAATTTGAAGTC
GTGGACGTAGGGTCCCTCAACGGAACCTACGTTAACCGCGAGCCACGCAACGCTCAGGTC
ATGCAGACCGGTGATGAGATCCAGATTGGCAAGTTCCGCCTGGTTTTCTCGCAGGCCCT
GCTGAG

>naRXA02430-downstream
TAAAAACACTTCCTAGGAAAGTT

>naRXA02433-upstream

AGGCACGAGATCATCCATCGTTCGGTTCCATAGAATGGGTAGCTGTGCAATGCTGATAGAT
ATTTGGTGACCAGAGATTAGAGCAAAGGATCATTTTTCATC

>naRXA02433

GTGAAGCTTTTCAAGGCAACCGCAGTTACTTTTACTGTTGCAGCAGCATTGGCGCTCAGC
GCGTGCTCCAGCAGTGATGATTCTCTCGGAGTCAAGCACCTCTTCTCCACCTCTTCG
GCTGCGTCTGATGCTGCGACTCAGTACCCAACTGCTGAGGAACTGAATGCAATTTTGGCT
GTGGCAACCGACCTGAGGCACCAATCGAGGAGAAGGTGAAGACTGTTGAGGGTCTGAG
AACGCTCCTGAGCTGTTTGAGACCATGACTCAGGCAAAGGTGGAGTGGGTGCTGAGTTC
CAGGTTGTTGGTCTGTGCTTCTGCGCTATGACCCAACCTCTGAGGTTCTGACCACCGTC
ATGTTCCAGCTTCCGACCGCGCTGAGCAGGAAGCTGAAGGCGTGGAGTTGTGAACACT
GATGGTAATTGGCAGCTGTCCAGGATTGGGCTTGTATCTTGATCACCATACTGTTGCT
CCTGAGCAGGTTCTGCAATGTGTGTTGGAAGTATGCTTCTCCGCTGGTATTGAAGAG
GCCCCAGCTGAAGAGGGTGCTGTTGTTGAGGAAGCCCCTGTTGAAGAGGTTCTGTTTCA

>naRXA02433-downstream

TAGGGTTTAACGGCTCAGGCTGA

>naRXA02437-upstream

GCCCATCATAACTACATCGAGCGAAATGCCAACCACATGTCCCATGCTTTTACTAATGTG
GGGTCTTAGAAGAACGCGACCAATTTAAGGAGAGTTGAAT

>naRXA02437

ATGAGCACGATTGGCAACCTCAAGTTAGTAGTGATGGCGCACGTAAAGCTTATGGAAGT
TATGCGGATTACCGCGACCGCAAGGTGTCTGAGACTTATGATGCGTTGTCCCAAGCTGCT
GGTGAATATGCACCAAAAGCTGAGCAGGCTGTAGAGACTGCGCGGAATCAGCGAAGGAA
TTTTATACTGAGTCGCGCGATAAGGCTGGAAATGTCACCAAGGCTGCTCGTGCTCGTCTG
GAAAAGGCGCTCGCTGAGGCTGACAAGCAGGGCACTTCTGCGTTGAAGGACGCACGTGAA
TCGGGCAAGAAATTGAACCGGAAGGCGCTCGAAAAGCAGACAAGGCCGCTAAGGCAGCC
CGCAAGGCGACTGAAAAGAAGGAGTCCGACTGGGTGCGCAATCTGTGTTGGCGCGCTA
GCGACCTCCGGCATCGTTCGCGGTGGCCTACGCGTTTTTGAACAAGACCAAGAAGGAAACC
CCAGGCACCCAGCCTCCACGGGTTGAGGTTCAAGTGAAGAAGGCCGTGGAGCAGGATGAG
CCTGAGGTTGTGGCTGAGGCTGCTGTGGAGGAGCCAGAGTTGGTGTACTCCACAGAAAGC
CCAGAAACCACTGAAGCCCCAGCTGAGGCCACCGAAACTCCAGCAGAAACCCGAAGAA
GAAGCCAAAACCGAAGCTGAACTAGAGGCAGAGCTCGAGGCTGAGGCCGATGCGGAGCAG
GAAGCGGCAGAAAGAGGCGGAAGCTGAGGCCATTGAGGCTGAGTTTGATAAGAAGAATGCA
CCTCAGCGCACCCAGAGCGAAAAGAAGAAG

>naRXA02437-downstream

TAGGTAAACGCTTCAATTCGTGG

>naRXA02443-upstream

CAAGCACTGCCGCGGAGCCACTATCACTTTGTAAAGTGCTGCGATATTTTTTGCCACCT
TATTGACAAAGAGTGCCATTAGTAGGTTAACTTCACCGC

>naRXA02443

GTGATACTGAAAGACATTTTCAATAATGGGGAGCTCTTTGGGGCTTCCTCCGCGAAAAAT
TTCCGAAAACCTACTAGCTGTTCCAGCCGTTGCCGCCCTACTAGCTTTTGGTATCACCGCC
TGTTCCGCTGTAGATGACACCCCTGACATTGTGGTCAACCAACATCCTGGGTGATGTT
GTAAGCCATATCGTGGGAGATTCCGCAGATGTCCAAGTACTCATGAAACCCAACGCAGAT
CCACATTCTTCGAGTCTCAGCACAAGACGCCGCTGCCATGGAACATGCCGATCTCATC
GTGGCCAATGGACTAGGACTTGAAGAGGGCCTTCAATCCAATGTGGACAATGCCAAAAGC
CAAGGGGTTCCCGTCTTGAAGTCGGCGAACACATCGATGTCATTGACTACTCCCCCGGC
GTTCCAGATCCTCACTTTTGGACAGACCCGGCGCGCATGATCGCCGCCACGGAAGTTATA
GAAGCTGAAGTATCAAAGAACTCGATCCTTCCCTGACTGAATCGATCACACAATCAGCC
CAGCACTACCGTGAGGAACTTGTGCCCCTTGATGAGGAAGTACCCGAATTGCTCAGCGGC
GTGGCCCCAGAAAACCGCAAGCTGGTAACCAATCACAATGTTTTTGGATACCTGGCCAGC
CGGTTTAACTACACCGTCATTGACACCATCATCCAGGTGGAAGCACATTGGCGGCGCCT
TCAGCATGATACCTCAATGACATCTCCACCGCATCGAAGACAACAATGTTCCCGCAATC
TTCACCGTATACCTCAAGCCCCACAACGGTTAGCTGAAGTGTGGCCAGCAACGCTGGCATT
GATGTTCAAGTGGTGTCATTTTACGGAATCACTCACCGATGCAGATGGTGAAGCACCC

ACCTACATCAGCATGCAAAAAATCAATGCCGAGCGCATTGCAAGCACTTTGTCC

>naRXA02443-downstream
TAAACAGTCCTAAACAGTCTTAA

----->naRXA02444-upstream-----
AAAATCAATGCCGAGCGCATTGCAAGCACTTTGTCTAAACAGTCCTAAACAGTCTTAA
CAGTCCCCGTTTTACTAAATGTTTTACTAAAAGGAGAACC

>naRXA02444
ATGAAAACTCCAAGCTACTTCTTATTGCTGCGGTATCCACCGCATCTATCCTGCTGGCA
AGCTGTGGCACTGACAGCTCTGCAGATACTGCAACTGCGTCTAGCTCTGCAACAGCAAGC
TCCGAGGCACACGATCATGATGGCCACGAAGCCGAAGGCAGCAGCACTGCCGTTGAGGTG
TCCTCCCCCGCAGGCCCGCATCGTCACCACCTACGACGGTGGCATCATTACCCTCGACGCC
AACACTCTGGAATCCTGGAAGACACCGAACTAGCAGGTTTTAACC GCCTCAACAGTGCA
GGAGACGGACGCCACGTATTTGTCTCCACAGGTGGCGGCTTCCAGCTCTTTGATACCGGC
GCATGGACCGAACACACGGCGATCACACCCACAGCTACACCGCCACCCAGAACTCACC
GACATCACCTACTCCACCGATAAGCCTGGTCATGTAGTGAACCACGCCGGAAGACCGTG
CTGTTCCGGCGATGGTGACGGCAAAATCCAGATCTTCGACACCGCTTCCCTCCTCAAGGGC
GATGAAGTAGAACCTGAGATCAAAAACGCCCTCAAAGCCCACCACGGCGTGGCAGTAGTC
CTCGAAAACGGCGACCTGCTGCACACTTTGGGCGATGAGGATTCCCGCAACGGCGCCGTG
GTATTCAACGCAGCCGGTGAAGAAATCGCCCGCAACGAACAGTGCCCGGCGTTACGGT
GAAAGCGCAGCACTCGGTGACGCCATCGCAGTTGGCTGTGAAGACGGTGTACTGATCTAC
AAGGACGGCGAGTTCACCAAGGTCCAGGCACCTGATTCTACGGTCGCATCGGCAACCAA
TCAGGCAGCGACGTCTCTCTGTCGTCCTCGGCGATTACAAGGTAGATAAAGACGCCGAC
TTGGAGCGCCAGAGCGCGTTTCCCTACCAACACCGAGACCGGCGAGCTCACCTCGTT
GACCTCGGCACCTCTACTCTTCCGCTCACTTGGCCGTGGCCCTGCAGGCGAAGCAGTA
GTTCTAGGCACCGACGGCGCACTCCACATCATCGATGCCAACACCGGCGCCATCACCAAC
ACCTACCCCGTCATCGATGCCTGGACCGAACCAAGTATGGCAAGAAGCACGCCCAACC
CTGTTTCATCAACAAGGACCGCGCATACGTCCTCGACCCATCAAACAACGAACTCCATGTT
GTTGACCTGGCCAACGGCAACATCCTTGCCAGCGCCACCCTGCCAGGAACCCCCAACGAG
CTCACCGGAGTGAGCGGC

>naRXA02444-downstream
TAAAAAGAAATTGCTTTTCGACG

>naRXA02452-upstream
TTTGCGCGACTAATCGCCGATAAATGAATTGATTATTTTAGGCTCCCAGGGATTAAAGTC
TAGGGTGAATGCAGAAATATTTCTACGGAAGGTCCGTT

>naRXA02452
ATGACGCCTGCAGGTCCAGCACAATTACTCATTGTTGCTCTTGTAGTAATTGTCTCTTT
GGTTCCAATAAGTTGCCTGATGTTGCTCGGTCCGTTGGCCGTTTCGATGCGCATTTTCAA
TCTGAGATCAAAGAGATGAACAAGGATCAGATCGAAAGCTCCGATCAGACCTTGAAGAAC

>naRXA02452-downstream
TAAGGTTCCCTCGCATCTAAAAAC

>naRXA02454
ATGCATCTGCTCAACTTCTACTGGGAGATGTGTCACTGTCTAATACTCTCTTTCTGTCGC
GATGCTGAAACCTATTCCGCTATCTCGTCGATGCCGAAACCGGGGAGTTCCAGCCCAAC
CTCTCTGAATCACGCAGGCTTTACGACGTCGACATCGCCCGCGTCAACATCATTGGCGAA
CTCATGGACCTACAGCGGGTGAATGCCTAGATAAGTCCATCGATGTCATCGCCCTAGGA
GGCCTTGTCGAAAGCTCTTATCTTGAATTGTGGACGGAGCTCACCGCGGAGGAATCCGTC
GATGCCAGTGAATATTGGCGCCTCTCTGAGAGAAATTGACCGGCTCAATCAACTGGGCTTT
GACGTAGGGGAGCTCAAGGTCACGAAGGACGATTTCGCGGCAGGTTGTGCGCATTCGCCCT
GTAGTGGTGGATCCGGGCCACTATCGTGCAGAGCTATTGAGCTTAACCGGGCTGAGCGTC
GAGGAACACCAGGCCAACGCCTATTGGGCTCGATCCAGGCCTATCAGGCCGTGGAATGC

GGACCGCATGTAGGTCTTACCCAAGCCGCGCATCTCTGGATGACGAATGAATACGAACCG
ACTATCGCCGCCGTCCCGTGGAGATGTTAGACAAGCTGGAGCCAGCACAAATCTTCCAC
GAAATCGTCGACCACCGCTGGTTCTCGCCCAAGAAAGGGGAGGGGCTGTCACCTCCCA
GAGGCCACGGCATCTTATCTTGAATCCGTGCTTCCGGCCCGCGACGAGGCTCGCCTC
CTCAGCACAAACCTTCAGACGAAGACTTGTCA

>naRXA02454-downstream
TAACCTCTCGCGTGCCCAACGG

>naRXA02457-upstream
CTGTAAAGCCACGTGAGCTGTTGCTTAGACTTTACTCTACCCCGCGTGTCCACCACATC
AGTTAGAACATATGTACCACTTCAAATCTAGGGGAAACA

>naRXA02457
ATGTTCTACTTCACCGTCAATAATCCGAGGATCCTTTAAGCACCAGAAATTGTTGAGACT
AATCGCCGTGACCTCGCATTTTGGCATCGATTACGCCCCAAAGATGACGATGATTTAGCC
ACAGCCATCAACAAAATATGCGTGCGCACAGGCTTATCCCGCAAATGATCGCCGCTTGT
TTATTTAGCATCTGCTTCTGCGTACTTACCCAACCTCCACAACTCGTCGAAAAGCTT
GGTCATCTCGACATGGCGCGCATCAACGCGATCACTAAAGCTGGCGAAAAAGTGCCAAGC
GAGAAGAGAGAGCTTTTCGACGCCTACCTCGTCGATTACCTGACGCCTCGAGCGGAGGCT
CAGTGCTTGCCCCAGGCAAGCTCAATTTCCGCAATGATGCGGAAATTTATCGCACAAACAC
TGCCCCGACGACAAGGCCTCCTCAGCCACCAATGATGGCTCCATCCGCTACCGCAGAAAC
AACAAAGGCGGGATCAGTATCACCGTCGATGCCACCGCCAGCGAAGTAACAGAAATCAAA
GCTGCCCTGGAACAAATGTCCAAAGATAAGGACTGCACACCGGCACTTCCCTACTCCAC
ATCATTTCGTGGCCTGCCGACAAAAGTCGTACTCAACACCTACGGCACCAAGACAGCCCT
GAATACTTAGAAGGAGGAACCTGGCTGTCAAAGGAACAGTCTGAGTTCTGGAAAACCCGA
ACCACGTCCAGTCGGGATATGGACGCCGCCACTTCTCTTACACCACCGCCTACGCTCCA
ACCCGAGAAATGCGCGTCTACATCAAAGGTCTACGCACCACCTGTAGCGTCCCTGGCTGC
AGTGTAGCGGTGCAAACTGCCAACTGGACCACATCATCCCTGGGGTGAAGGAGGGCCG
ACAACACCGTGGAATATTCATCCCTGTGTGTCTTCCACCACATCCAGAAGACTGAAGGG
AGGCTCCAGTGCTATCCACTACCGGACGGCACCGTCTATTCTAGTGGATGGAATACCG
GTGTTCTCCATCCCCGACGGGCCTTTATCTAAATCGAATAAAACCTGGGGGACAAAGTTC
GGCAAATACATGGAGCGTCAATCGCCGCC

>naRXA02457-downstream
TAATCCAGCAAGCCAGCGTGATC

>naRXA02459-upstream
GGTGCATCATTTGGCCTCGCGTTGATGGCGTTCAGGTTGAAGACATTAAGACCACTTCC
AAAACCTTCCCTGGTTTGAAGATGTTGGGAGGAGATGG

>naRXA02459
TTGGCTAGACGCAGCTATGACGAATCCGATGTTCTGTTTCGCCCAGGTAAAGGTACCCGC
CCTCGTACGAAGGATCGGCCATCGCATGAGAATGCTCTAGTGGGCATGGTTGTGACGAAG
GATCGTGGTTCGTTGGGGTGTGTTCTCGATGGTTCGTCAGATGCCATTGTGACGATGCGT
GCCCCGTGAGTTGGGGCGTACGGCTATCGAAGTGGGTGATCGTGTGCGAGTTGTGCGCGAT
ACGTCTGGCCGTCCGGGCTCGTTGGCTCGAATTGTCCGCCTTGAGGAGCGCACGAGTGTG
TTGCGTTCGTACGGCTGATGACACGGACCCGTTTGAGCGGATTGTGGTGGCTAATGCGGAT
CAGTTGTTGATTGTTTCTGCTGTGCGCGATCCGCCGCTCGGGCGGGTTTGTGGAGCGT
GCTCTAATTGCTGCGTTTGTGGTAATTTGACGCCGTTGTTGTTTGGACGAAGTCTGAT
TTGGCGGATCCTGCGGAGTTCGCTGCGGAGTTTGAGGCTTTGGAAGTGCCGTTGTTGTT
TGTGGTGTGATGATCCTCTTGATCCTGTTTTGGAGGTCGTGGAAGGCCATATTACGGCG
CTTATTGGGCAATCTGGTGTGGGTAAAGTCGACGTTGGTTAATCGTTTGGTGCCGGAATGC
CGATCGTTAACTGGTGTGCTGTCGGGGGTTGGCAAGGGTCGGCATAACGTCGACGCAGTC
GGTCGCTCTTGCCAT

>naRXA02459-downstream
TGATAATGGTTGGATTATCGAAA

>naRXA02460-upstream
GCGCCGTCGAAGCCGGAAGCTCGTAGGCGTCTACTACCAGCAATTTGACCGTGCAGTCGTGCG
AAATCGTCGGACTGTTTCGGGCTAGAAGGAGAATTCTAATC

>naRXA02460
TTGCGCGTCTACATCCCAGCAACGTTTTCACACTCCGCGGAETCAATGAATCCCGCGTC
ATCACAGCACGCTCCGGATACGGTTTCGCAGTCACCCAGCACTCCTTGACTTCTACACC
GACGGTGACGAAGAAGAAATCGCACATGCAGCCTTCCAAGACGCCGAGAGCCTCCATC
CGACTCCTCGCAATCGGCGACGAAGAAACATTTCCCTACCGCAGAGTCGTCTCTAGTA
GATGTTGACGACTCCGTGGTGACCTACCAGCCTGAAAACGGCGAATCCGTAGTCAAACCTC
AGCCCAGCGCACATCAACCTCGACGACGTGGCAGCAATCCACATCGACGTTGAAGCCTCC
GAAGCAGACACCAAAAAAGCTATCGAAGTCATCGACGAATCCGACCTCGGCGAAGAAGAC
GCCGAATCACCCTCGGAGACGCCCAAGACAACCTTCATGGCCTGGTACGACCCAGAAGAG
CTCCCCCTTCTAGTCGAGCTCCTC

>naRXA02460-downstream
TAGATCACATATCCCACGCGTCG

>naRXA02461-upstream
AGAAAATCTCAAGGCAAAAAACAAGCCACCCCAATCTGTGCGACAATCAAACACAGACT
ACGACTATTATGTCACGAAGAAACCAAGAAAGGGAAATA

>naRXA02461
ATGCGCGGACTAATTGTTGACTACGCTGGAGTACTAGACGGAACCGATGAGGACCAGCGT
CGCTGGCGCAACCTGCTCGCCGACGAAAGAAAAATGGCGTCGGAACCGTGATCCTCAGC
AACGATCCAGGTGGGCTCGGCGCAGCGCCGATCCGGGAACTCGAAACAAACGGGGTAGTC
GATAAGGTGCTGCTGTCGGGAGAACTTGGCGTCGAAAAGCCAGAGGAAGCAGCTTTCCAG
GCCGCCGACAGCCATCGACCTGCCATGCGTGACTGCGTGCTTGTGACGACTCGATC
CTCAACGTGCGCGGCGCCGTCGAAGCCGGACTCGTAGGCGTCTACTACCAGCAATTTGAC
CGTGACGTCGTGAAATCGTCGGACTGTTTCGGGCTAGAAGGAGAATTTC

>naRXA02461-downstream
TAATCTTGCGCGTCTACATCCCA

>naRXA02464-upstream
ACAACCACATCCGGAATGCTCGATTACGTCCGCCATGACACGCAAAGATCTATTGGCTAT
CACCGAGGATTGCCCTGACGGATCTTCTTACTTGAGGTTC

>naRXA02464
ATGGGCACAACACCAGACGATTCCCGAACTCCTGAAATCACCCAAGACATAGAAATAACC
GATGGCAGGATCGTTGCCATCGGTCAATCAGTGGCTGCGGTGTATACAAACGATCCTTCG
CCTCGAATCGTCTCCTACAACGATGATGGTGAAGTGTGGAGAACAAAGCAGTCGATGAG
GTTGAGTTCCCGATCCGCCGTTTCAAAGCGCGACCGCTGATCTTCCACACCATATGAGT
TGTTTCAACGGAGACAGCCTCGTACTGTTCTCTCCCACTCAGCTCAATGTACGACAAAGC
TTCAATGATGCTTTAGGAACCGGCATTGCGTTGAACGGAAGTCTCCTCTACCCCAACCGCT
GAGGGCATCACGGTAGCTAATTGGGACACCGGAGAGGTGCAGCGCACCATTCCGGTGGAC
CGTGCGGGCTACGACGGTGAAGTTGCGCTCGGCGTTGTAGGGCAGGTGATCGTCGAAAAG
CGTGGCTCTGAGATCGTTGCTCTAGGC

>naRXA02464-downstream
TAGATCTCGTTGTTAGCCCAAAG

>naRXA02465-upstream
CTGGTGCAATATAAAAGTTAAACCAACAGTCATCCAATATGTCGCCTAAGTAGTCTTCCC
AAAGTTAACAGCTAGAATCATGGCCGTGACTTCTCCGAAC

>naRXA02465

ATGCCTGCATCAATTTCGCTGGGGCGGCATCGTCGCCCTCATTCAATCCACCATCGGATTC
GGTTACGCCCTTTTCCTTATTTACAGGGAAGCTACGGGCGAGACGGATCCAAGCATCGTC
TACGAAACCGATAACGCCAACACGTGGGTGGCTACGGTACCGCTGCATTCTTCATCATT
GTGTTCCGAACGGTGTGTCAGGCGCAATCAACATGATGAAGGGGCATCGCTGGGGACGC
GGAGCTGTCGTCATGCTGAATATTATTTGTTGCCGGCTGCGTATTACATGTTATCGAA
GGCCGATTCTCCTGGGCGATCGTCACAGGAATCTCAGCTCTCTTCGTTTTGGGCGCACTG
TTTAATAAGCGCGCCGTCCTTTGGGCTAACAACGAGATC

>naRXA02465-downstream
TAGCCTAGAGCAACGATCTCAGA

>naRXA02466-upstream
CGAACCGCAAAGCGTTCCGCTGACGGAAGTCCCGCTGGCGGCAGCTACACCGAAACCGG
TGCTGGCACTTTCGCCAGGTGCGCGCTGCTCTTCCTCGC

>naRXA02466
GTGGGCGAGGGGAGGAACAACTTTTACGTACGTCATTGAGATTGAGGATGGCGTCAAC
ACGGCCGCTTATGTTGGCGACGATGCG

>naRXA02467-upstream
GTGAACGTAGGTCTGGGGCTTTCAGAAGACACAACCTAGATACTATCGTTGCACGGTTAC
AATAGGGTCATTCCAATACAACGATTCTTTTAGGAGAGCT

>naRXA02467
ATGGATATCAAGATCGGATTTGCCGATACTGCCCCGTAAGTGGTCATTTCTTCTGCTTTG
CAGCAGGATGAGGCCGCTGCGAAGGTGTCGGAGGCTTTGGCTAATGATTCTGGCGTTTGA
GATTTGAGCGATGAAAAGGGTCGCCGTTACATTATTCGTAATAGCCGAATCGCTTATGTT
GAGGTCGGCACGAGTGCTCCTCGTACTGTGCGCTTCGCTGGCGCA

>naRXA02467-downstream
TAGGGGCTTTTAGACACGTGTCG

>naRXA02472-upstream
ATGATTCTCATAAGGCTATAAACAATGTAGTTAGGTTACACTAATGGTGTCCGGTTGTGA
ATAGTGCAGCGGACGGGTTCCGCTGCGGAGGAGGTCATC

>naRXA02472
ATGTCATTTGTTAACATCACGGCTCTTACGTTCCCTGCAGGGGCTGAAAAAGAAATCGAA
CAACGCTTTCGCGGCTCGTAAGAAGGCTGTAGATACGGCCAAAGGATTCCAAGAATTTGAG
TTGTTGCGTCCACAATTTGGTGAGGATCGCTACTTCGTAGTTACTCGTTGGGATTCCCGC
GAAGACTATCAAGCATGGTCGGATGCCCGCCCTGCCGGTAACCATGCTGATGATGAACAA
CGTGGCATGAGCGTGGAAGTTCTTGGTTTCGATGTGGTTCTTTTGAAGGC

>naRXA02472-downstream
TAAAAGTCCTTGGCGTGGCATAG

>naRXA02473-upstream
TGCAGTTATGATTAACTAAGTCTAGCAGTGGCCAACTACATGTCTGGCTTAATAGCCT
ATGAACGCCTAAGCCTGGAGCCACAACAACCATTTCCGA

>naRXA02473
ATGGTCGCAGAGTACCTGACGGATCCTCGGAAATATTCCCGGTAACGTTAAATTTAATT
CCGGAAGATACCCTCGTTTATGACGCCGTCTACAAATTCAAAAGCATCCGAACGGTTCC
GAAGATCAAATAACCCCATTTGTATCAAACCAACCTGATGTGCCTTTCCCTGCAGGAACA
TCGTTACATTAACTGGATATTATGAAATTGATCAGCTGAGAAGTGCAGGATGGAAATTT
GAGCTTAATCCTGTAAACAGGTGAACCTTTCAGTCACAGTTCCTATCTCTGTAATTTACCT
GATGGGTCTCGTGATAACACAATCGCGACCATGGAATCCGTAGGCCCTGATGATTCTGAG

CTTTTCAAACCAGACTTTGATTTAATCCCAATAAAATCAGGTGACTATATAGAGATAGGT
GTA CTGCGACCCAGGGCTTCCTGCTGGTACGGAATTCATCTCGATTACTACGCACTTCCG
GATCGATTCTTTGACTTAGGCGGTCTACAAAGCCTTTCAGGCAACGGTAAGTTCTCTCTT
GGAGTTCCACTTACCTGGAATGATGATCTCCAGCTCCCGATCTCGATTACTTTTCTGAC
GGAAGCCACACAGTTGAGAATTTGCATGTTGACGTAACCCCGCAAACCTTGCTGGCAAC
CCCATTGACGAGCCTAAGGACGATGACAAGGATCATCCACAACCGGCTCCTAAACCAAGT
GGCAGCTCATTGGTTCTAGC

>naRXA02473-downstream
TAGTTCCTACTAAACAGTTCAA

>naRXA02475-upstream
TCGCTCATTGAGGACGGACTCGCGGAACAAAATGAGGCGGGTTATTTCCACCTGCCACGG
TAAACCACTGCGCGCCTGCAAAAACAGTAGGTTTAAGTA

>naRXA02475
ATGCTTGGTCTCTCGTCGTAAGTTTGCCATGCTCGCTGCCTTAACTGCGGGAATCGTT
GGCGTTGTTGCCACTGGTTGTAGTACGCCCCGAGAACCTGAAACGATCGATAATCCGGTG
TTCATTGGTATCTCCATCGATCCAATTA AAAACCTAAGTCCGAATCACGCTGCAAACCTC
TTCGCTTTATCTGCAGATGGCTCGGGAGGAATTTTCCAAGAACTCGTCCCACTACTTT
CCGTCGATCCATCGATTAGGAAACGGATTCATCGCACCCGATAGAGATTCTTGGTAGTT
GTCGACGCTTCTTAAAGGAAGTTTATCGACACGAAGTGGCCAGGCTTGGTGTGGAATG
CAAATCAATCAGCTAGGTCTCCACTGCATAAATCAGTTGCCTTCTCCTTCAATGAAGGA
ACAGCTGAAGCCCATATAGACACCGCATCGTCTCCGCAACTGAGAAAACATCAGCTTCC
GCAATGACAGATCAGCGGCACTTCGCGCTTACTGCATGCGATGACGGATCCACACGGTGG
GTCGAATATTTCCCTGACCGCGGAATGGAAGATCCAATGGGCCCCGGCTCAGCACGCATC
GTGACTCTCCAGGCCGACGGAGAAGTCAAGTAAATGACGTTGAGTGGAAATTTCCCGGAT
CGGCCCTCCGCCCAATTATTCTGTCTTGCAGAGATCCAAGCGCTTATATAGTTTCAGAA
GAAGACATCATCTATGTA AAAAGACGAGGTAAGCCCTGCCGAATCCATAGGAAAATTACCT
GCATATGAAATTTCCGGACCGCGCCCGATTTCGATACAGTTTCCGGCGAAGACTACTTCGCT
TTTACGTCAACTGGGATGCTGACACGCATCAATATTTCCCAAGCAAAAATCGTCTACGCA
CAATCCATTGACCTCTACGGCAAGCATCCGGTTTCCATAACTTTTCGATTCCGACCGTGCA
TACGTGGTTACTTCCGGGGATTCCGGGGAAAGCCTTCTTGAAATCGACTTGAATGATCCA
ACATGCACTTCAGATCAGCTCTCGCTCACTGGTTTCAACAAATTACTCACAGCTCGGAAA
CCTAAGCCAGAACCGTCGATCATCATCGAAACCATCTTGCCAATTGACCCAACTACTCA
CTGGGTTGTAAGAGT

>naRXA02475-downstream
TAGATTTTGGACGGAAGTGTGTA

>naRXA02478-upstream
GACATCGTCGAAGCGCTCTCCAGCGGCAACATCGACGATTATCGCAGCGCCGTGCTCGCT
CACTACGCGCCGTTTCGCCGCATGATTTCCAACATGCTCG

>naRXA02478
ATGCGCACTAGCCTCATTGCGCGCGGGTTGTACCGCATTCGCCGCTGGTCTGGGATCAG
GGTCTTTTAAAGCTTTTCGACGCCCCGCCTCAGTGTGACGACCTCCCCGCACCCATCGAC
GTGGTGTACGCGGATCCTCAGACGGCATCACCTGGACCACCCAGAACCAGCAATCGTC
GAAACTGAACACCGCGGTGTGGGCGATGTCTGCCTTGTCACGGGCGATCTGTGCTTCCAC
GGATTGTCCAACCTCGCAGGATTTTTTGGAGTCCCACCGACCTTGAACCCCGGCTGGCG
CGCCGGGATGTGAGTGGGTGGACGTCGATAAGCATGGCCCACTATTTTGGCGATGTTGAT
GCCGCGTTCGCCCTCGTCGGGGACGGGACTTGTCTGGCGGATGGGCGGTGGATTCAGAGT
TTTGTGGTGGCGCGGGCGCGAGATTTTCGCTTCGGATTCTGCGCAGCGATGGCCACATC
ACCGATATTGCCGGCGGTAACGAATCCGCGATGACGCAGCTGCCGAGCGGTGGATTGTG
CTGCATTCCAGGGGGGTGGGACACCGTCTGAGCAGTGTGTCCGATGATTTCCGGGAGACA
TTCACTCCGCTGGAGCCTGTGCCTGAACTAATCGACCCCGGCTGCAACGGCCACGTGTTT
TACTGGAAGCGGCTGGAATGCTCGCCGCAACGCACCTGGCGGACCTGATCTGCGACGC
CACTTGGTGGTTGATTTATCCAGCGACGAAGGAGCGACCTGGGCGCATCGCATCACCATC
GAGCGCAAGAAGCCGCCTATTCAACCGCTGCGGAAATGCCAACGGAGATGTTGCCGTG

GTGTGGGAAGCAGAGGGAACGCGCGGATAAAATGCACGGTGATCAGCGTAAATGATATT
TCGCTGCGGATCGATGAGCCCATTTCGGATGCCATATCCCTCCGCCATGTGGTGATCAAC
GATGACCATGACGGCATCGAAGTCGCACTGCCGTGACGCATCGCAATGGGGTGAAGGTGTA
TTCAAATTTGTGTCCAATCCAGACGCGAGCACCCAAAAAATCCGCACTCGAGGCAAGCCC
GCGCGACAGACCTTGAAATTGGGGATGAATTGGTTTTTGTATATCCGCAAGGGTGGAGAA
GTGGCTTACGGCTCACGGTTCTTATGATGGTCGCTCGTTGGGGAAGTTAAACAGGATT
TTGGAGTGGGGCTGTAGAGGCCGATTTCGGTCTCT

>naRXA02478-downstream
TAATTGCGG

>naRXA02482-upstream
AAACGGTGGCGCCTTAATTGTTTTACGCGTGCTGACAGGAACCTTTTAGGTGATTAACCT
GGTTTGCAACTTTCCAACCTCAGCCGGATAAGGAACACTA

>naRXA02482
GTGGGCGTGGCTAAATCAAAGAAATCTGCTTTACCTAAAGTCCTGCTCACCATCGTGGTG
ATCCTGCTCCTGCTGCTGCTGGTAGCAGAATTCGGGCTGCGCTTCATGATCGGAAAACAA
CTGAAAGATGAGTTCCAAGCTCAGGCTTCCTCACAAGGAATCTCTGCAACTGAAGAGCCC
TCCATCAGCTTCGGCGCATCCCCACTCCTGTTAGGCATCGCTCGGGGAAGCATCAATGAA
GTCACAATCGACACCCCGACTCCGTATCCATCACTAACCAAGACGGTGTCCCCTCCATC
AGTGGCACCAGAGTCAACTATCCAACCTCAAGGGCTTGATATCGGTGACCGCGACAAC
CCAGTCGACAGACCTCACCTTAACCACATTGGCAACCGACGATTTTCATCCTGGCAACC
ATCCAACAGCAGATGGCCGAAGCAACCGGCGGGAACAGCACCTCCCAAGGATTGCGAGAA
CAGCTTATCCAGGAATCATCAAAGTCACCGACATTACTTCCGATGCAGCTAATCAAACC
ATCGAAGTTGAATTCACCGACGGCGCGCCGAGCCTCACTGCACCCCATCGTAACGAAC
GGCCAACTCGGCTTTGAGATCGTAGATTCCCAACTCTTCGGATTGCGCCTCCCGATGAA
ATCTCCCAAATGCTACCGACGCACTGCAATCATCAATGAAGTAGCCGGTGGCCTG
CAAATCCAAAGCCTCGAAGTTGTGACGCTGGCATCAACGTCACCCTGACCGGAGACAAC
ATCAACATCCAGACCCTAGAAGCCGCACAG

>naRXA02482-downstream
TAAAGAGCGCTTTCGCGTCTGTG

>naRXA02483-upstream
CATGGGCCCTGCAATCGAGCCTAAGGTTGCCGACGCACTCGGCGAGCTCTTCGCAAACGA
AGGCGCTCTGACCGAAAAGTGGATCTCCGAGAACCCTCTAA

>naRXA02483
ATGGCTGATCACGCCACAATCTGCGCGCCTCTTTCGCAAGGGTGCAAACGGAAAGCAG
AAGCCAATCGGCGTGATCACCCGCGGACCACCGGTGTGAACCGCTACGGCGCTTCGAT
CGGTGGTGCTTTCATCATCCCAAAATACGTTGCTTCTCGACGCCACTTCCCTGGCGTTA
GATGTGCGGTACGGCGCCAGCCACACAACCACCGTGAATGGGGACGTTGGTCCACCGC
CTCCAACCCGACATGGATGTATCGGCCTAGAAATCAACCCCGAACGATCCTCGAACCC
CAAAACGGCGTGCTTTGAACTCGGCGGATTGCAACTTGCCGGCTACACCCACAACCTC
GTGCGCGCCTTCAACGTGCTGCGCCAATACGACGTGGACCAAGTCGAAGCCGCATGGGAA
ACCGTCACCTCCAGACTTGCCCCAGGCGGACTGTTTTTCGAAGGCACCTGCGATGAAATC
GGCAAACGCTGCACCTGGATCACACTTAACCTCAGACGGCCCAAGAACCTACCCCTGCA
TGGGATCCTTGGGGAATCTCCACCCCTCCGATGTGCGCGAACGACTGCCAAAAATGCTC
ATCCACCGCAACATTCTGGTGAAAAGATTACGCACTGCTAGCAGCCGCTGATTAGCC
TGGGACTACTGCGCCGCTGGGAACCCACGGACCGCGCTGCGCTGGGAAAAAGCCCGC
GAGATGCTCATCGACCAAGGTTGGCCCATCGAGTTCAGGCGACGCTGGGCGATAGC
CTGCTGACTGTACCGTGGGAAACGGTGGCGCCT

>naRXA02483-downstream
TAATTGTTTTACGCGTGCTGACA

>naRXA02484-upstream

CGGCGAAAGTGACTTCCGAATCGAGTTCGACGCCGTCGATCGCGGCGATTTCCTGGGCTA
CGGATGAATCCAACACCCCACTAACGGTAGTCTTATCCTC

>naRXA02484

ATGGCAACGCGTACAGAAAACACCATTACGATCAATCAGCCCGTCGGCAAGGTGCACCAA
GCACTGACCACCGAAGCCTACTGGGCATACATCGCAGAGAACCTCTCCCCGAAGCTGGC
GAGGTCAACGAGTTACCCGAGCTGACGGTGGCGCAACCGCAACCCTTTTGGAGTCTCTC
CCACTCGAGGTCTCCAGAGGCAGTTCGCGCAATGATCAGCCAGGCACTGAAGGTCAAG
CGAGTCTCACGGTTCCTGCACTGACCAACAACGCCACAACCGTCGAGTACAACGCTGAC
GTCAAGGGCACCCTGTTGATTTCAAGGGCACCATCGCCATCAACGGCGACGACGAGCA
ACCACCTTCGACTACAGCAACGAAGTGTCCGTGAACATCCCATTCATGGGCCCTGCAATC
GAGCCTAAGGTTGCCGACGCACTCGGCGAGCTCTTCGCAAACGAAGGCGCTCTGACCGAA
AAGTGGATCTCCGAGAACCTC

>naRXA02484-downstream

TAAATGGCTGATCACGCCACAA

>naRXA02486-upstream

TCCGACCTCGTCGATTAGCCAAAGAAATCCGCGACGGAGTCTCGAAACCTTCGGCGTC
ACCCTCGTCCCAGAACCCGTCTGGATTGGAATCAGCATCG

>naRXA02486

ATGACTGAATTTTCCGACGTCCCTGGCACCGCCGCCCACTGCACAGGGCGTTGGAAAAT
GCCGGATACTCCACTTTAGAAATCCCTCGACGGTGTCCCTACAAGACGTTGATTGCCCTG
CATGGTGTGCGAAAACTGGCCTCGGCAGGATCCAGGCAGCATTTGTTGGAACGTGGCCTT
TCCCTGGGGGAAGAAACAAAAGGCGCCACCATCACCCAGGTACACCGGTAAAGTGGCC
TCAGATATCAAACTCACATCACTTCCGTGGATCCCGTCGCATACGTCGATGGTCTAGAG
GGGCGTCGGGTGTCTCACGGGCACCAATTGCTATCGATCTTCGGTCGCGTCACCGGCGCG
GAACCCAAAATGTGGGGACCCTCCATGATCGGATACGGCTCAGTCCACTACGTTTCCAC
ACCGGAAGGGAAGGCGATTGGTTTTCAGTGTGGTTTCAGCCCGGCAAGTCCAAAATCTGC
CTGTATGGCCTGAAGGATTGCGCTCGCGGTGAGGAATTGCTGCAGAACTTGAAAAATAC
ACCGAAGGCCGCGGATGCGTGTACATCAATAAACCGGAAGACATCGATTGGATGTTTTA
GAGGCCATGATCAGCGAGTCATGGGCCGGCCAAGGC

>naRXA02486-downstream

TAGGTTGCAAATCCCCACCACAA

>naRXA02488

AAGCTGACTGCAACTGGTGTGATGTCATGGGCACCTTCTACCCAGAAGGTGAAGCACTT
GCGCAATCACTTTGAACCTCACCAACGAAGTTGTATGCGACGAGCCTGAAACCCCGTT
GAGCCTGAGGTTCTGTAGAGCCTGAGACTCCAGTAGATCCGGAACCTCGGTGACCCCA
GAGACTCCAGTAGATCCGGAACCTCGGTGACCCAGAAAAGCCTGGCGATGACAACAAG
GATGACGGAAGCAACAGCAGCAGCAACGGCGATATCCTCGGAATCTTGGGCATCCTCGCA
GCGCTTGGTGGCGTTGGTGCACCTTGTGTACAACCTCCTGGTAGCTAGCGGATTCTTTGCA
GCGTTTAAAG

>naRXA02488-downstream

TAAATGAATCGTTTTCTTAGTGC

>naRXA02489-upstream

TATCCTCGGAATCTTGGGCATCCTCGCAGCGCTTGGTGGCGTTGGTGCACCTTGTGTACAA
CTTCTCGTAGCTAGCGGATTCTTGCAGCGTTTAAAGTAA

>naRXA02489

ATGAATCGTTTTCTAGTGCCTTATTAGCAGCCTCTGTGCGGGGGCTGCGTTGGCCATT
CCAGCGACCTCTGCATGACAGCAGAATCTATTTGTACATTACCGGCGATGTTGGGTGG
AATGTGCGGATTTCTTCAACAGTTATCTTTTGGGAAACATCGCAAATGGTAGTGCTTAT
AAATATAAGGGCGGGTTGGACGTTTCGTGACGGCGTCCAGACCGGTAACGGCAAACT

CCAGCACTGACCTGGCCAGTTGATTCTGGTGACGTCTTGAAGATTTCCACTTCCGGAGGC
 GCGCACTGGACCGGACACAACCTGTACCCCGGTGATGACCTCGCGGAAGTCCCTAACAAAT
 TTCACGTTGGATCTTGATTTTTCCAACATCACTGTGGAGCTGAGTGGTTCTACAGGTCGG
 TTGTTGGTGGATTACACATCTCGGGAATACATCAACACCCACACGTTGGGTGAGTTTCAA
 ACTGGTGAACAGGCTGAGCTTGCCACGATTACTTTTGCCAAAGCTCCAGACCTCACCTCT
 AATTCAGTCAACGTGACTGGCGATGTGGCATTGACTGCTGATGGTGTGGAAGTTTTCGGT
 GGTCTTCTACACGGCAGGGGAGGAG

>naRXA02495-upstream

AAGGAGGAAAATTATACCGTCTTAAAAACGGCTAAGGCTTTTCTAAATTCGCCGCTGCG
 CACCATCACGTGGCGACGCTTGTGGCGAATAAACTCCGC

>naRXA02495

ATGGCATTAAACAGTGCTTTCGGTTGTGCTAGGAACCGCATTTTTGTGTGGCTCCCTCCTC
 CTCACACATTCCCTTGAAAGAACATTTTCTCCATCGTTGATGCCGGCGTGGAGGGCGTT
 GACGTGGGCGTTATCGCGCAACAAAACAACCCCGACGGCGTACCTTTCTCCGTCATCGCC
 GAAATTGAGCAGTATCCGGAAGTCCGCGCCGTCAACATCATCGGCGACGGCCCCGGCATG
 CCCTCCGGCACCACCATGACCGGCCAATCCGCGCTGATCCTCACCAGCTCCGACGGCAAT
 CCCCTGCAAGCAGGCAGCTCCGGCAGCACCCGCTAGCCATTTATCCGCAGGGCGAGTGG
 GTCTCGCCCGAGCCAAACGCTTATCGACGGCCACTTCCCCACAAAACCCGACGAGGTAGTA
 GTCAACGCTTCGGCCGCCAAACGTGGCGGGCTCTCCCTCGGTGATCACCTAACGATCGTC
 ACACCCACCGAACGCATCGACGCCACCCTGTCTGGAACCTTCGAATCAAACACCGACGTC
 GCAGGCTGGGTGGAGTCGGATTACCCCCACAGCGCTACGTGGAAGTGTACCAACGGC
 ACCGACGCCAGCCAAATCACCATCGCAGTCAACGACGGCGCCGACCCCATGGCAGTCCGC
 AACCGCATCGGCAAAAACACCGGGACCTGCTGCCCTGCTGCCCGAGCAAATCATCGAC
 CAAACACCGGCGACACCGACCGCAACTGGAGTTCATGACCTACGTGCTCCTGGCATT
 GCCGCGATCGCACTGATTGTTGGCTCGTTCATCATTGCCAACACCTTCGCGATGATCGTC
 GCCCAACGCACCGGCGAATTCCGCCCTCCTCCGTTCCATTGGTGTCTCCACGTTCCAAATC
 GGATTCTCCGTGATTATGGAAGCAGTATTCGTGCGGACTTATCGGCGGTTTCATCGGCATC
 GCAGTTGGCTTCGGAGTGGTCAATGCACTTGTCCAAGTGTCAACCAATTCGGCGACACC
 CTCTCCTCCATCGACATCACTACAACGCCGATCCTTCATCTTCCCTGTCTCTTCGCC
 GTCATTGCCACCGTACTAAGCTCCATATCGCCTGCTACCGCGCCGGTAACCTCCACCA
 GTCCAAGCATTCGAATCCTCCGATGCACGACGACGCCCTCGGAAGGATCCGCTTCCTC
 GTCGCGCCGTCATGCTCACCTTGAATCAGCCTGACGATCGCAGGTGCCGTGGTATCC
 GCCATCAACGGAGATGAATTCAAACAGAAACACGCCCTCGCATTTCATCGGCGCTGGACTT
 CTCTTAGTGTTCTTCTCACTCTCCCTGTCCGGTCCCGCACTGATGGTGGCGACCTCTCAG
 ACTCTTGGCGTGGCGATAATGTGCGCGTTCGAGCCGTCGGCAAGCTCGCACAAACGCAAC
 ACCCTGCGCAATCCGCGACGCTCCGCAACCACCGCACTGGCCGTCACCTTGAGCGTTGGC
 CTCGTGCGCTGCGTTGGAGTCATCGGCGCCACCACCCGCGCCAGCGTCTTCGGGTCCATG
 GAATCCACCATCAATCCCCATATGTCTCGACAGCATCGGTGGCACCATGATCCCTGGA
 CAACCCGCCGGCGGTTCAAGGTCACTGTCCATGTCCGACCGGTCGCACAGGAAATCGCA
 CAACCCCGCGGAGTCGGCAAAAGTGGGCACCCTCATGACCGGCAGCGTCCAAGTCAACGGA
 TGGGACAACGAAAACACCACAATTTTCGACGGCGACCTCTCTCAGTTCTCGACCTCGCA
 GTCCGCTCCGGCGACGCTTCGACGACGAAACCCCGGCGTCATGATCTCCACCACCTAC
 GCCGACCAATCCGACCTCGAAGTAGGCGACACCGTCACCGTCAACCCCTACGGATCCGAC
 GACGGCATCCGCGTCCCATCACCGGCATCTACGCAGAAACCAACCTCGTCGGACACCTC
 ATGGTCAACGCAGCCGCCACCAACCGAGTCTCACCTCCGCGGACACCTACCACCGGTCC
 CAAATCTTCGTCAACGGCGACGGCTCCACCACCAACGAAGAACTCCGCGACATCCTCGTC
 GACGCCGTAGCCCCCTTCTCATCGTCCAAGTGAATCCAAAGATGAATTCGCGGAAGC
 CTCGGCACCCAAATCAACCAATTGCTCGGCATCATCTACGGACTGCTCGCCCTGGCAGTG
 ATCATCGCAGTCTGGGAATCGTCAACACACTGTTCTCTCCATCAGCGAACGCACCCGC
 GAAATCGGAATCCTCCGCGCCACCGGCGTCCAACGAGGACAAATCCGCGCATGATTACC
 CTCGAATCCGTATCCTCTCCATCCACGGCGCAATCCACGGACTCCTCCTAGGTACATTT
 ATCGGCTGGGCAATCGTCAGTTGTCTCCGACCCGAGGCATGGCACCCGTCGAATCCCC
 TGGACCCAAATCGGATTAATGCTCATCTCCGCAATCATCATCGGAGGCATAGCAGCCCTC
 ATCCAGCCAACCGAGCTCCCGAATCTCCCTTTGGAAGCAATCAAC

>naRXA02495-downstream

TAACAGTCTGCATCGGCAACCTC

>naRXA02496-upstream
 CGGGACGCGCTCTACTGCAACTAGGTGGACAGTATTGCTGCCCACATCTAATACACCTA
 ATCTCACACCTAAAGGTTAGACGGTCTAGGGTGGCAAAGT

>naRXA02496
 GTGAATGGGTGAAATTETTTETTTGGTATTTTATAGGTTTCCCCGAGTCTTCGCCAGCGGCG
 GCATCGATTCTGTGCTGGGGAGGAACCTCCCTCTTGATTTCACAGTGAATGGTATGAATTC
 ACGGATCCAACGATATTGAGCATGTATTTAGCATCGATTTAACGTGGCTTGAGTCTAAT
 TGGAATTGCACCTTTGGTACCCCCGATTGTTTAGGTATTGATTCCGAAAACGCCGACGTG
 GGTTGTTGCGGCCACGGTGCAATTCTTAGCAGATGAGACAGATCGAGATCAGCTTTATGAT
 GCCGTTGCTCAGATGCCCCGCTAAGTATTGGCAGCTACGCCCCGCCCTCCACGGACTCGTTT
 TTAGCATCCGATGACGGCACCGACATTGAGCCGTGGCTGACATGGGATGAATTAGATGAT
 GAAGACGGCAATCCCGAGCCCCGCTTTGAAGACAACGTGGTCAACGGCGCCTGTATTTT
 GCCAACAGGGCGGGTTGGGAAACAGGCGCGGGGTGTGCGCTGCATCAGTGGGGCGTGAAC
 GCAAATGAGGATCTAACCGTCGTCAAGCCTGAAGTTTGTGGCAGCTCCCGCTGCGCCGC
 CTGGAGGCTGGGAAGAGCGCCCCGACGGGCAAGAAATCTTGCACACCACAATTACTGAA
 TACAACCGCGCGGCTGGGGCAACGGCGGCGAGGATTTGACTGGTACTGCACCACCTCT
 CCGCGCTGCCACCAATGCCGAACCCATGTGAAAACACAGGAAACAGAACTCCGTGCA
 CTCATGGGACCAAACCTCTACGAGGTG

>naRXA02496-downstream
 TGACGTAAATATTTGGAAGCACG

>naRXA02498-upstream
 CAAGGTAGAAATTTGTCCGTGGGCACTTCGTGAAGGTGTGATCCTCACCAGGATCGACAA
 AGGACTCGAGTAACATTTACCCGGAAGGAGTTGGCGAAA

>naRXA02498
 ATGAGTGAAGAGAACTCACAGTCGCTGAGCTGATGGCGCGTGCCGCGAAAGAGGGACGC
 TCCACCGATGCTCCCCGACGACGCGCCGCGCAGCATCGAAGACGGTGGCGTATCCGTT
 GCTGAGCTGACCGGCTCCATTCTGCGGTTAAGGAAAAGCCGCGGAGTCCAAGCACTCC
 AGCGTGCCCATCGATGCACACGAGAACCTGAGGTTGTTGAGGCCCCCAAGCCTGAGCCC
 GCCGAAGAAGTAGAAGTGGCTTCGGTGGAGGGCGACGTCGATAAGCAGGAAACCCCTGAG
 CGTCCGGCGCCGAGCAACGAAGAAACCATGGTGTGCGCATCGTGGATGAAAAGATCCA
 ATTAGCTTGACGACGGGCGCGTTCCCGTGGTTCCGGCAGTTGCCGCCAAGCCGGCGCCC
 GTAGTGCGCGCGAGAAGGACGCCGATGTGGAGACTGCCGTAAAGGCAGATTTTCGCAGAG
 GTGGAAGTCGATAACACTGACACCACGCAGATGGCTGTGGTGAAGAAGTTGACGAGGAG
 CCAGAGCAAGAAAACAAATGTCCGTATTCGCGATCATCATGATGGCGATCGTCGGAGTT
 GTTCTCGGTGTGTTGATTCTCGGCTTTGAAATGCTGTGGGAGCGCCTGAACAAGTGG
 ATCGTCGCTGTTCTGGCAGTCGGCGTGACCTTGGGAATGGTGGGCATCATCCACGCTTG
 CGCACCTACGTGATGGTTTACGATGGTTCTCGCAGGAATCGTGGGCCTGGTCATGACG
 TTCGGGCCGCTGGCAATCGTCATG

>naRXA02498-downstream
 TAATTTGTCGTTTGGGCCCCCG

>naRXA02500-upstream
 ACGCGGGTTAGATTTTGTGCTCGCGATCCGAAAGTGCACTTCGGCAAAAAGTGTGGCAGG
 TTTTGTACGTACAACATCGATTTAAGCGAGGGAAACCGTA

>naRXA02500
 ATGGGTTCTGTATCAAGAAGCGCCGCAAGCGCATGTCCAAGAAGAAGCACCGCAAGATG
 CTGCGCCGTACTCGTGTCAGCGTAGAAAATTGGGCAAG

>naRXA02500-downstream
 TAAGCCTTCAATTGAGCTTCAAA

>naRXA02505-upstream
TCGGAAAGCAATCCGGAACATTTCAGGTTGTAGACAATGTCATCAGTTCAGTTGACCGTCC
CATTAAAGCGCACTGGTCGTTTGGCTATTCCGGGGGTCTTT

>naRXA02505
GTGGCTGGCACTCATGCGTATGTCAATGAACTCTTTTCGGAAAATGAGTTCAGCATGTGC
CGAAAGAATGAACCTGGTTTGGTCATTGAGCTGGAGAACATCAGCATCGATCGCATTGTC
ATTTCCACACCAGATGCCACCGCTATGCGGATGAGCTCATGGCGGCTGTT

>naRXA02505-downstream
TAGAACTCAGTTTCCGTCAATAA

>naRXA02506-upstream
CCTTTCCCTGAACTCTAAGCAATTGTGATCTATAGTACAAATGCATAAACATTAACCGTG
ATATCCATCTCTTGATACCGGCCGAAAGGTTTAGCACAC

>naRXA02506
ATGCACCTCAATCAGCTCGAATTTTTCATCGCAGTAGCCCAACACGGACAGATCAACCGC
GCCGCCGAAGAACTCCTCATTTCCCAACCCGCTCTCAGCCGACAGATCTCCGCACTTGAA
AAATCCGTCGGAGCTCCACTCTTCGAACGCCATTCCCGCGGTGTCTCCCTCACAAAGGCC
GGAGAAATCCTCCACGAAGAAGCCCTCCGAACGCTTAGCAGGATGCAATCGGTAGTCGAT
GAAATCCAATCCGGTGAGCACCTCATCACCAGCATCAACATCGGAGTTCCCCCTGGAATC
CCCATCGACTGGTTGCGCTGCCAACTCATCGATTTAGGCCCGAGACCCGCATTTCACTG
ATCGAATCCCCACCGATGATCAGCTAAAACCTTCTTAAACAACGCGAACTCGACATCGCC
CTTTGTCGACGCCAAAGCGAGGCCTTTGCCACCACACTTGTCACGAACAAGAACTGGGA
ATCGTCGTCCGAAAAAACTCCGAATGCACCAAAAAGTCGAGGAAAAGACAACGCCACA
CTCTTCGATCTTGAAGGGCTTCGAGTCTCGCACACTCCCGCGGTGAAGTAAGAATTCAG
GAAGAAATCCTCAAAAACGCCATGCTCGCCGAGGAGTTAATGCCACGTGGATCTTCCGA
AAATTTGGGCAATATAGCTCACTGATCGCAGACCTTGTCAGGCCGATGTCGCACTCACA
ACAGAGGAATCCGCCCGACCAACTTCCCCAGCTGGCAATGGGTCCCCATCGAAGGGCAA
GACGCCTCCGAAATGACCTTGTTGTTTCGCACCTGGATCACCTGGAACCCCAACCCACC
CCCGCGGTGAAGGCCCTGATCCAGAAATTTATTGACGGAAAC

>naRXA02506-downstream
TGAGTTCTAAACAGCCGCCATGA

>naRXA02510-upstream
CCCGTCGATGAGGCAATCGCTGTGATTTCTTCCTGGATTGGTGACCGCATCAATGATCAG
CCGAGCGAGGACTCCATTGCAGCTCGCAGGTAGCCCTGAG

>naRXA02510
ATGGACTCATCTGACAGCCACGTTGGTCAGGATGTATATGTTGATCAAGGTCTAGGGGAG
CCCGACAGACTGGAACGTCTGTGGGCGCCCTACCGGATGAGCTACATCAACACTCGATCT
GGCGGTAAGCAATCAACTACCGCCAAGCGGGACCCCTTCATTGAGGTTCCCAAAATGAGT
GATGAGGACGGCCTGATCGTTGCGCGGGGTGAGCTGGTGTATTGCGTACTCAACTTGAT
CCCTACAACGCTGGACACATGATGGTGATCCCATTCGTAAGGAAAAGAATCTAGAGGAT
TTGAGCTTGGCAGAATCTGCGGAGTTGATGCTCTTACCCAAACGGCCATCAAGGCGCTG
AAGCAGGTGTCAAACCCTGATGCTGTCAATGTTGGTTTAAACCTTGGCAAAGCATCGGGT
GGCTCAGTGGGAGATCACCTTCATGTCCATGTGGTGCCTAGGTGGTCGGGTGATGCTAAT
TTCATGACTGTGATTGACGGTGTCAAAGTGCTACCGCAGACCCTGCGTCAAACCAGGGCC
ATGCTTGCGCAAGCATGGGGCACCATTGATGGGGCACCAGGCACTGTCGACCCAACGCTG
ACTTCAGCGATCCGTACCGCAGCACCGAAGGAGCAC

>naRXA02510-downstream
TGATGCTGGGACTTCATGGACGT

>naRXA02514
AACTCCCACAACCCAACCCAGTAACCATCACGGTTACTGGCAAGGGTGAAGGCGTTACC

TCTTTCGGGCGCAATCTCCATCGAGGTTGAAGCGGGCGCAGACGCTATCGTCGCACTGCAG
TACGTCCGATCCGGCACCACGCTGACAACGTCGAATTCATCGTTGGCGACAACGCACGC
CTGACCGTCATCACGGACACCCACTGGAACGCTGACGCAGTTCACCTGAGCAACCAGCTT
GCACAGCTGGGACGCGACGCAACTCTACGCCACACCGTGGCAACCTTCGGTGGAGAAGTA
GTCCGCATCGTCCACGCGTGCGTTTACCAGCACCAGGTGGCGACGCAGAAATGCTCGGC
GTCTACTTCGCAGATGATGGACAGTACTTCGAGCAGCGCCTGCTGGTTGACCACGCTGTA
CCAAACTGTCGCTCCAACGTCTTGTACAAGGGGGAETTEAGGGTGACAAGAACTCTGAC
AAGCCAGATGCCCGTACCTGCTGGGTGGCGATGTGCTCATCCGCTCAAACGCCCACGGC
ACTGACACCTACGAAGCTAACCCTCACTCGTCTCACCAGGGTGCACGCGCAGACGCT
ATTCCAAACCTCGAGATTGAAACCGGCCAGATCGTTGGCGCAGGACACGCAGCAACCGTC
GGTCTGTTTCGACGACGAGCAGCTGTTCTACCTCCAGGCCCGTGGTATTCCTGCAGAGGAA
GCACGCCCGCTCATCGTCCGCGGTTTCTTCAACGAAGTGATCAACAAGGTCCCAGTTGAA
TCCATCCGCGGGGAATTGGACAACCGAGTCAGCTCGGAACCTCGCAGTTCTTGGCATG

>naRXA02514-downstream
TAATTAAGCCAAAGTAACCTAAGC

>naRXA02518-upstream
CGCGTGAAGTGCAGCTGCTTGGGTGGAAGGCTTCCAGGCGGCAACCGCTGACGCTGTT
GCGCAGCACATTAGCCCGCTGTATTAATTGGAGGAAACC

>naRXA02518
ATGAGCGAGCACACCGAGAACACGACAGAGGTTGAAGACCAGAACGCTTCCACCTTTGAA
GCACAAAGCTCTGAGCGCCAGAGCAGTCCGAGGCGACCTGGCTAAGGCCAGCGATGTT
GAGGAGTACATGCGCGACGTTATTGACCCTGAACTGGGCATTAACGTTGTTGACCTGGGC
CTTGTCTACGATATTACATCATCAACGGCAACGAAGCTCACATCGATATGACTCTGACT
TCACCAGCTTGCCCGCTGACTGACGTCATCGAAGATCAGGCACGCACCGCAATCGTCGGC
AACGGCATTGCAGAGAAGATGTCCCTGAACTGGGTATGGATGCCACCTTGGGGTCCACAC
ATGATTACCGAAGAGGGCCGCGCTCAGCTGCAGGCCCTAGGATTTCGCGGTT

>naRXA02518-downstream
TAAAAGGCTGCTTATCGACGCCA

>naRXA02519-upstream
TGTTTTAAACTTCATTCCAATTACCGAAAATGAATATAATTTGAGATTTAGCTCACACT
ATCCCCCTTCGGGTACCAACAGACTCTGATGCGAGGTAA

>naRXA02519
ATGTTCTCCGCTCCCTTGCGTAGAATGATGCGAGTGACGAAGGACGAGCAGATTCAACCC
AATTCGAACGCCCCGAAAACAGAAAATGGTTTCTCGGGCACCTCGTCCCTACGCCAA
TTTCTCGACACTTTGCCGCGCATCGGCACCGCTGGTTCCAGATCAGCGACCCCTCCACGTG
GAAGACGAGCAGAGCCCTTAGGGGCAACGCTTTTCGACGTCGCGACCGGCGGAGCTCC
ATCAACGACCGCGATACCGACGCCTCAGGGCTTGAGCCTGAAAAGATTGCGCGATTGCA
TGGCTGCGCCTGATCGGCACCATGGGTGCGTTAATGATCGCGTTTGGTGCCTGGGCGCG
GGTGCACTTCCGGTGGTGAATAATCCGTATGTGGATTTCCTTGGCGGAACTTCATGAGC
CGAATGCTGCAGACCTCTTCCATGATCGTGCTCATCGGCGTGGGATTTTGGTGCCTGGCG
TGGGTGTTAATGGCACCGCTGGTGGGTATTCTTTTAAACGCAGCGGAAACAGAACAGCC
AGCGTGAGTTTGTCATGCTGCGCCGCACATTTGGCGCCTGGGTAGCGCCCATCATGCTC
ACCGCCCCACTGTTTACTCAAGACATTTATTCTTATCTGGCACAAAGGCTCTGTGACCGCG
CAGGGAATGGATGCCTACGCCGTTGACCGCTTGAACCTATTGGGGCCCGATAATCATCTG
GCACGGTCCGTGCCCTTTATTGGGGCCAGTCGCCCTCGCCCTACGGCCCTGTTGCGCTG
AGCATCGCGGCGTCGATAAGCGTTATTACTAATGACAGCATCGTTGGAGGCGTGCTGGCG
CACCGTATTGCGTCGCTGCTGGGCGTTGTGGCTGCAGGCTGGGCGATCACCATGCTGGCC
AGGCGCTGTGCGGTATCTGAAGAAGCGTCCTTTTACCTGGGCGTACTTAATCCGCTGCTG
ATTCTGCACCTGATCGGCGGTATTCACAACGAATCCATCCTGCTGGGATTTTTACTTGTT
GGCCTGGAACCTCGGACTGCGTGGCACCGACCGGATTCAAACAGGGCTGTGGGGCCCTGCG
TGGACATATATTGCACTGAGTGGCGTATTGATTTCTTGCAGGCGCTGGTCAAGGTGACC
GGCTTTATTGGGCTCGGTTTGTGGGCATGGCCTTGGCCAGGGCGTTTCATGCACGTGA
CATCGACACGTCGTTGCGATCGGCGTTGCAGGCCCTCGTTCAAGTAGCAGCCCTGGTGATC

ACCGTGGTTGTTCTCAGTGTGATTACCGGAATCAGTTTGGGGTGGATCACAGGTCAAGGT
GGCGCTGCGACGATCCGAAGCTGGATGTCTATGACCACCAACATTGGCGTTATTTCTGGA
TTCATCGGAATGAATTTGGGGCTAGGCGACCACACCGCAGCCATGCTCGTTGTGACCCGT
GCAGCCGGAATCGCGGTAGCTGCCGCCCTTCATGGTTCGTATGTTGTTTGGCACATATAGA
GGTCACATTCACGCTGTGGGCGGACTGGGCGTGGCGACTTTCGTCTCGTTATCCTCTTC
CCCGTGGTGCATCCGTGGTACATGCTGTGGGCTATCGTGCCGCTAGCTTCCTGGGCAAAT
AGACTGTTCTTCCAGCTCGGAGTGATTCCTACTCCACTGCCTTCAGTTTCTTTGTGCTG
CCTCGCGGGCTTGCACTTCCAGTCGGAAGTGTCTTTTCCATCTACTTCGGCGCAGCGCTC
GGATTACGATTCTCCTATTAGTTGGATGGTGGAGTTTGAGGCGGAATCCAACCTTTGGT
TTACAC

>naRXA02519-downstream
TGATCAACTGTGACTACTGATTT

>naRXA02520-upstream
TTTGCCTGGTAGGGGGAAGGGATTGGACACGGGAATGGAATTAGGGAACACTTGTGTT
GTCTAAAGGTGAAAGCTAAATCAAGCAGGAGGTGACACCA

>naRXA02520
GTGGGAGATGTTGTAAGGCAACGACGCGCACACCGGAGACGGTGATACGCGCCGAAAA
ATTCTTCTCATCTGTTGGAACGTGCACCGGTGATCGCTTCAGATATTGCTGAACAGCTT
CAGCTTTCAACTGTGGGAGTGCGCAGGCACCTAGACAACCTGGTTGAAGAAAATCTGGCG
GAGGCGGCAAAATCCGCGCCAGAACCCATATGAGCCAAAATGCGCGGTAGGCCAGCAAAA
ACTTATCGGCTTACTGATAAAGGTGCTCAATCTTCGGCCACGAATATGATTCCCTTGCT
GCGGCAGCTCTAGCCACTCTTCGAGAGGTGCGCGGAGATGATGCAGTAAGGCAATTTGCT
AGAAAGCGGATCGAAACAATTGTTGAGGGTATTACCCAGCAGATGTCACAGATCAATCA
ATCGAAGATACAGCCAAATCTTTAGTTGAAGCTTTAGTCGGCATGGTTATGCAGCAACT
GTCGATGCCACTCGAAACGGGTTGCAACTCTGCCAGCATCACTGTCCAATATCTACAGTC
GCCACGGAATTTCCGGAAGTGTGTGAGGCAGAGCATCAAGCAGTCTCAGAACTTTTGGGG
CAGCACACGCAACCATTTGGCAACAATCGCGGACGGCCACGGCATCTGCACAACAAATATT
GCATTGACACCCATCAAACACTCC

>naRXA02520-downstream
TGATGAAAGGAGCGGATCATGAC

>naRXA02521-upstream
GCACACGCAACCATTTGGCAACAATCGCGGACGGCCACGGCATCTGCACAACAAATATTGC
ATTGACACCCATCAAACACTCCTGATGAAAGGAGCGGATC

>naRXA02521
ATGACTTCGGCAACGACGAACCCAGGGTTAACGAGCCCTTGACCGATGACCAGATCATT
GAATCCATCGGTCCGTACAACATATGGTTGGCAGGACTCCGACGACGCTGGTGCATCCGCA
CAGCGTGGTCTCAGCGAGGATGTCTGACGCGACATCTCTGCGAAGAAGAGCGAGCCAGAA
TGGATGCTTCAGCAGCGCCTCAAGGCCCTGAGCATTTTTGATAAGAAGCCAGTTCCAACC
TGGGGTGCAGACCTTTCAGGCATTGACTTCGACAACATTAAATACTTCGTCCGCTCCACT
GAGAAGCAGGCACAGTCTTGGGAGGATCTCCCAAGACATCAAGAATACCTACGACAAG
CTGGGTATTCTGAGGCCGAGAAGCAGCGCCTCGTTGCAGGTGTTGCAGCTCAGTACGAG
TCTGAGGTGTCTACCAACAGATCCGCGAGGACCTGGAGGAAAAGGGAGTTATCTTCCTT
GACACCGATACCGCACTGAAAGAGCACCCCTGAGATCTTCCAGGAGTACTTCGGCACCGTC
ATTCCAGCAGGCGACAACAAGTTCTCCGCACTGAACTCCGCTGTCTGGTCCGGTGGATCT
TTCATCTACGTGCCAAAGGGTGTCCACGTGGACATTCCTCTGCAGGCTTACTTCCGCATC
AACACCGAGAACATGGGTGAGTTCGAACGCACCCTGATCATCGTTGATGAGGATGCCTAC
GTTCACTACGTTGAGGGCTGTACCGCACCTATTTACAAGTCCGACTCCCTGCCTCCGCA
GTCGTTGAGATCATCGTGAAGAAGGGTGGACGCTGCCGCTACACCACCATTCAGAACTGG
TCCAACAACGTTACAACCTGGTGACCAAGCGCACCAAGGTTGAAGAGGGCGGCACCATG
GAATGGGTGATGGCAACATCGGCTCCAAGGTACCATGAAGTACCCAGCTGTCTGGATG
ACTGGCCACACGCAAGGGCGAAGTTCTCTCCGTGCTTTTCGAGGTGAGGGACAGTTC
CAGGACACCGCGCAAGATGACCCACATGGTCTTACACTTCTCCAACATCGTGTCC
AAGTCTGTGGCAGTGGCGGTGGACGTGCGGCTTACCGTGGTCTGGTTCAGATCAACGCA

AACGCTCACCCTCAACCTCCAACGTTGAGTGTGACGCACTGCTGGTCGATGACATCTCC
CGTTCTGACACCTACCCATACAACGACATCCGTAACGATCACGTGTCACCTCGGCCACGAG
GCAACTGTTTCCAGGTTTCTGAAGAGCAGCTGTTCTACCTCATGAGCCGCGGACTTGCG
GAAGAAGAAGCAATGGCAATGATCGTTCGTGGCTTCGTTGAGCCAATCGCTAAGGAACTC
CCAATGGAGTACGCCCTTGAGCTCAACCGACTGATCGAACTGCAGATGGAAGGATCGGTG
GGC

>naRXA02521-downstream
TAAGCCCAATGACTGAAGTAGCA

>naRXA02524-upstream
GACGCGATCAGGCGCTCTACGCACCCAGGCAATTAGGCCTGAGCTTATCGACGCATCCC
TCCTCGATTCCACCGACCTCAAAGTATTGGGACTGGACAA

>naRXA02524
ATGACAGAGACCACCTCAACCCCCAAAGCCAGAGCCGAGCTCCCGAAATTTCTCAGC
AACCAGAACGCGCCGACATCATTTTGTTCATCGCACTCATTGTGATGGGCATTTCTCC
CTCTGCATGATCCCACTGCGCGCCTGGATGCTCACCCAACCTCTGGCCTACACCCCTCATC
GTCGGTGGTTACACCAGTGCAGTCGTGGGCGGCGGAACGCTTCGGTAGAAAACGGCATC
TGGTGGGTCTACTGGCTCTGCACCCTGATCGGCGCGCTGAAGTTCATGCCCGTCTATTGG
CTGATGGGTAAGCGCTGGGGCATGGAATTTATCGACATGTCCCTCCAATACATGCCCCGC
TTCCACCGCATGTTCAAAAAATCCGTCGACTCCGAATCCACCCGCCTCTACGCCTGGATC
ATCGGCCTCATTCACCTCGCATACCTCCCAGGACCAGTGCCGGAACCATCCTTAACGCA
GTGGCTGGGCTGGTAAAAATCCCCTTCTGGATCATCATGGCCTGGAATGCGATCTGCGTA
CTATCGGTCAACGGACTATTATGTTGGCTGGGATACACCTTCGGCGAACAAGTCTCGAC
ATCGTCAACGTGGTCAACCGCTACATGCTTTGGATAACCTTAGGATTGCTGGCGCTGATG
TTTTTCCGCGCACGGAAGCAATTTGCCAAG

>naRXA02524-downstream
TAAATGGTTGAAAGGAATATGAC

>naRXA02525-upstream
CGTGGTCAACCGCTACATGCTTTGGATAACCTTAGGATTGCTGGCGCTGATGTTTTTCCG
CGCACGGAAGCAATTTGCCAAGTAAATGGTTGAAAGGAAT

>naRXA02525
ATGACCACCATGCGAGAAGTTTCAACCGACCTCAACATCCTCATCGTCCCCAGCGAATGG
GAAAAAGTACTAGAAAACTACCAGCGACATTGAGTGAGTCCGGATTCTGAGCCTCTGAA
ATCCACTCCCAGATCGTCGACCTCACCTGCGAACCCGACAACATGCTTGTACCCAGTTC
TCCCAGCTAGAGGGCCACCCACCAATTGTGGAAGTGCTCCACCGCCTAGTAATTAACGGC
TCCTCCGACCTGGAGCTTAAAGACCTCACCAAAAAGGTGGTGGGGGCGTTGCCTCAGGGG
ACCTACTGGTATGGAACCTCCCTTGAAGGTGCGACCGAACCTGGCGTTAACGCATCATGC
GCGTGGCAGCATCGGGGC

>naRXA02525-downstream
TAGTTTTCCGCGTTTAGTCAGTT

>naRXA02534-upstream
TTACCAGTAATCTATGCAGATTTACTGTCCGTTGGGGATCCGCGCCTATCGGAAGTTGCC
TACATTATAAAAACTCAGATTCAGGAATACACAGACCATG

>naRXA02534
ATGAATTCACCGAACGCGGACATTATTTTAGTAGTTAACAAGCTGTCCAAGTTTATTGAT
ATCGAAAATATTATGCTCGTTGGAGCACGATGTAGAGACATTACCAGCAAAAATATCGC
GATCAAACAGCGGGTAGAAGAACTAAGGATGTTGACTTCGCTTTAGCTTTAGAAAGCTGG
GACGACTTCAATCTATTAAAGCAACAATTCTACCGACTGGTAACGCATGGCAAGGAATC
ACCATTGGAAATATTCCAGTAGATCTCGTGCCATTTCGGAATATTGAAAACCCACCCGGT
GAAGTCTTGTCCAGAAAAGGTCTACTTAATGTCGCTGGGTTCAAGGAAGTATTCGAG
CAAGCTGAGCTATATCCCCTAAATGATGCGATAGACATTAAGTTGTCTACAGTTCCCGGA

CTTACTGCGCTAAAGCTACATGCATGGCTCGACCGTAAAGAAAATAACATCAAAGATGCA
AGCGATCTAGCATTAATCTTGTCTGGTACGAAGAGGATGTAGAACTTTATGGAATCGC
TATTTTGCCCTGGAAATCAAGGATACATAGGTGAACCAGAGGCAATGGCAGCTGAATTA
CTAGGACTTGACACTGGAAGAATACTCGGCCACAAGGAACTCAAGCCCTCCTTGATCGA
TTTAATGAACAGTCTCCTCCTGAGCTAAACCAATTTGCTGAATCACTTGAAGCCCTCCT
GAACACAGTCACCCATTAGAACGGCGTCTGTATCCAGGTGAGGCACTGTTAGGTGGACTT
AGAGATTCCCTCGGTTACGATGAA

>naRXA02534-downstream
TAGCTTCCAATCCCGCATTGTTC

>naRXA02537-upstream
ACCTCCATCTCAACAATCATCTTTCCGATATGCGCACTGTCAGCGAGCAGATGCTCAACA
TAGACGTCGATCTTGCCACACACTGAATAAGTTGCACTG

>naRXA02537
ATGCTCGCCCTCAAAAGTTTCAAGATTAGAAGGCATAGCCACATCACTCACCGCCGTGGCG
GGTGGCTCCACGAATCAAACTGACCGGTTGCAGTCTTGGCAGCAGCTCGAAACGATG
ACCTCTGCCAGCTCCCTTATCCAGGGCTTTATCAAGCTTGTGATTACAACCGACCCACA
GTGAATATCGTGGACAAATGCACAAAACCGCATCCACGCTTTTCAACACCGCTGATTTT
CTACGCACTTTGGAAGGCTATGTTGATGTACTGGAAAAACAAGCCGATAAATCTATAACG
CTCACCGTCATGCTTCGATATATTGCCAGCTTGAGTAGCCTTTTAGACCTCATGTGTGCA
CGCGAGATCAACGCGTTGTGCACAGCGATTACTCCAGAACCATTGAAGCATCTGGGCGAT
TTTGGCACTCTACCGCTCAGCAATCCACGAGTTTCATTGG

>naRXA02537-downstream
TGAATGCCCCACCAGAAATCCGT

>naRXA02538-upstream
GCGAGATCAACGCGTTGTGCACAGCGATTACTCCAGAACCATTGAAGCATCTGGGCGATT
TTGGCACTCTACCGCTCAGCAATCCACGAGTTTCATTG

>naRXA02538
GTGAATGCCCCACCAGAAATCCGTGCCTTAGCCGAAGCCCATCCCGATATGCAGATCCTA
GAAGCCGGCGATGGTTTATTGGTAGCATCGTTTGGGGATATTGATAGGGCTACGACCGTG
ACCACCATCGTGGCAGGTGTGGGTTCTCCAACCCAGAAGGGTGAATACATATGTTGAC
CGTGCCCGCACAGTATCTGCTTCCACCGGTTCCGCAACGGTGTGTTGGCTGGGATATCAA
GCACCCGCTTCGATTCTGTGCTGCGGTATCCGGCGCGGCAGCGAATCGCGCTGCCGCGGAT
CTCCAGAGGTTTCAAGCGGCACTACAGTCCCGCAATCCCCACCAAGAAAAGTAGTGATG
GGTACAGCTACGGTTCCACAGTGGTGGGAAAAGCTGCGTCTTCCGGCGAGCTCAGTGCC
GATGCGTTGGTATTGGTTGGCAGTCCCGCGCGGGTGTCTCGCACTCTTCCAGCTTGGC
GCACCTGTGTATGCGGTAACAGGGTCTGCTGATCCCATCGGTTTTGCCGGCACCCAAATAT
GACGGCATCCACGGCACTGATCCACCGCTGCCCTATTCGGTGCAACAGTGTGGGATTCTG
CCCTCAACGCATTCCGGTTATTGGAATGACCAGGAGTTCTGGGCAATGTGGCGGAGGTG
GTTCCGCGGCAAA

>naRXA02538-downstream
TAGAAAAGCCGCGCACACTGGA

>naRXA02540-upstream
GCATATGCTGAAGCAGAACTAATTCAGGTTTTGATCCCCGCGCTAACTGGGCGGGCCAG
AACCCTAGACGTTCTTTGAGAAAGGAGGTGACGAAAC

>naRXA02540
ATGGCATCCACACCGAAAAATCCAACGATGAAGGTCAGTTTGACCGTGTCGATTTTCAA
GGGGAAGTCTTCGTTATCTGTGTCGAGCCGAGCTTGCCGGCATGCATGCCAACTTTG
CGAACCTACGATCGCATGGGTTTGGTCACCCGATACGCACTCGCGGAGGCGGTGCGCGT
TACTCCGCGCTGACGTGGAATTACTCCGAGAAATTCAGCACCTCAGCCAGGAGGAAGGC

GTAAACCTCGCCGGAATCAAGGCGATCATCGAGCTCGGCGAAGAAAACCGAAACCTCAAA
 GAATCCCTGCGTAAGGTACAGCTGAGAATGAGCAGCTCAAAGATCAATTACGCAGCGGG
 CGTCCGCGTGGCGAGCTGGTGCACGTGCCCCGCTCCACCGCGGTGGTCATGTGGGAACGC
 CGCAAGGGGCGTTCCAAG

>naRXA02540-downstream
 TAAAAACATGCTTGTCGAGGCGA

>naRXA02544-upstream
 CCAATCAGGGAAGATAAGAGCTGTTTTCAACAGGTCCCACTCAACTTTGACACCAAGTCT
 CACGCAAAATTAACAGCCATAAACTTTAGAAGGACACCT

>naRXA02544
 GTGTCCACACCTGTGGCATAGTGATTTTTGTGAGCACAGAATCAGGAAACACCCAAAA
 AGGGATGATGAAAAAGCACCATCCCTCCGAAAGATTTGCCTGACACCGTCTTAGACGCG
 ATTGAAGGCAATTTTGAGCCACCGCTAAATACCCAGAAGTCGGCGGTTCCCCCTAATGCC
 GAAGCAACTGTCGAGGCTGATTCTGAAGGAACTACCGACCGCTCTGTCAATTTGGGCAGG
 GACGGCCGCTGGCTGTCCGGATGGGCATTGCGCTTCATCGTGCTGGTTATCGCCGGCGTC
 ATTGCACTTCGTATGCTGGGCTTCATCTGGGTTGGCATCCTCCAGTCGTCTCGCACTT
 CTAGTCTGCACCGTGCTATGGCCACCAGTGAAATGGCTGCGCGAGCATAAGATTCCCACG
 GCGCTCGCCGTTGTCATCAAAATTTGGGTTTCTTCGCCCTCATCGGCGGAGTTTTTGCA
 GCCATCGCGCCAAAGCGTGCTTCCCAGACAAAGCAAGTGGTAGACCAAGCAACTGTTGGT
 ATCGAAGATCTAATGGATTGGGTTCAAGGGCCACCTTTTAACTTAGATATCTCACAGTTT
 GAAGGCGCGCTCAATGACCTAACATCCATGCTGCAATCACAGTCTTCCACCATTGCTTCT
 GGTGTGTTCTCTGGACTGTCAACGGCATCATCCATCGTTGTCACTAGCAGTGATGCTG
 GTGTTGACCTTCTTCTTCTCAAAGACGGTCCCTCGTTTCTGCCATGGATGCGCGGCTTC
 ACTGGTGAAAACGCAGGTTGGCACCTCACAGAAGTCCTGACCCGTACCTGGAATACCTTG
 GCCGATTATCCGTGCTCAGGCATTGGTGTCCATGGTTGACGCAATATTCATTGGTATC
 GGATTGCTGCTTCTTGGCGTCCCAATGGCCCTCGCGCTCGCGGTTCATCACATTCTTCGCG
 GGCTTCATCCCATCGTCGGTGCGGTGTCTGCAGGCGCCCTGGCTGTCATCATCGCGCTA
 GTTACCAACGGCGTGACCAATGCGCTTTTGGTACTTGATTGATCCTGGCGGTTTCAGCAG
 ATCGAGGGCAATATCTTGTCCCCATTCTGTCAGTCCAAGGCTATGAACCTGCACGCAGCG
 GTTGTGTTGCTATCCGTACCGTCCGCTCCACCATGTTCCGCATCATCGGCGCATCTTG
 GCTGTTCCAGTAGCCGCGACGTTGGCTGTCTGGGTGCGCTACCACTCTGAAATGGTTGCT
 TTGCGCGCCGGTGAGATCACCAGTGATGACATTGAGATCGCCACGACGAAAGGTTCCCA
 ACCAGCCTCAATGGCCAAGAAACCTTGCTGCCATTGGAAGCAGATTGCGCATCCTTGGC
 CGCAAGAAGCCGACATCTGCCACTGCAGAAAAAGCAGACTCAGAAAGC

>naRXA02544-downstream
 TAGCCAATAATGCTCACTCCCGA

>naRXA02545-upstream
 AAGAAATCGAGAAAGTAATTCGTGGGTGAAGTTGTTTCAGAGTTGTTTTTTATTAAACAA
 CTCAGCCTGTAACCTCTTGGTCGTTCTATGCTTGGTCACC

>naRXA02545
 ATGACTGAGACTCTTTTTGTATCCGCCACAACCTGAGGAAGCGGTGTATCTTCCAGATGGA
 ATCGACTTGCTGGTGACTGGCATCGGAACGACCGCAGCAACGATGATTTTGACTAAGGAG
 TTGGCTACTCGGGAGGTGCTTCTGCCCCGAATTGTCAATATTGGTACGGCGGGAGCTTTG
 GTGGATGGATTGGCTGGCGTATACGAGATCGAATACGTTCTGCAGCATGATTTCAGTAGC
 GAGTTAATCGTGAAATGACAGGAAAGCCATGCTCAAATGGTTCAACTTTGGCCACGAGT
 GGGCACTTCCAGTAGCGAGTTTGGCAACAGGAACTCATTTATTGCAGATTGAGAAACC
 CGCAACCACCTGGCCACCCGGGCCTCCCTCTGCGATATGGAGGGCGCGCGCTGGTGGGC
 GTCGCAAAGCATTTTGGTGTTCGGATTACGCTGCTGAAGCAGGTTAGTGACAGCGCGGAT
 GAGGAGGCTTCGGGTGCTGGTTTGATGCGGTGCTGCGGGCGCACGACAGTTGGCGGAG
 GCTGTGAAGGAGTTTAA

>naRXA02545-downstream
 TAACAAAACCCGATGCCTGGCG

>naRXA02546-upstream

GATTATGTCGGCTCCACCATCGTGGTCAGCTACACCGAAAAACCAACGCCAGGGCGCA
ATTACAGGGCAATTCAGTTTCTCTAGGATCGAGAAATAAC

>naRXA02546

ATGCCATTGTTTATCGACGACGCCCTCCACCGCAGCAAAAAATACTTCCACGCGCACTTA
AGCGAGCTGCTCCTCGGCGAATTTGCAGGCCTCAGCCTGCCCCTGCACCCACCGACGGCA
GCTAAAGCCGCCCGCATATTGATGCCACGAGGAATTTATCCGCCAATGGGAGGGGCGT
GATGATGTGGAATATGCCATTGAACTGGTCTCCTGTGGGCTTAGGTAAAACTGAAGTA
CCCGTTAGGCTGACGTTGAACACGACTGAGGAATTAGTTGTGTTTGCAGGCTAGAGGAT
GAATGGTCTTCACTTCACGAGAGGTTTTACAGCTGTCTGGTTTTACAGCGAGGTGGTG
GCGAAACATGTGCTGCTGTGGCGTTGCTGTCTAACGATGATCTCTCTAAGGCAGTGTTA
GTTGTGGATTGGTTTTTGAACACCCCTAACTCTGGCCTGCTGAAACGCGCCGTCGAGTT
GAAGGCGTGCATACCAATGGCTCGAAAACCCCGCTACTCATTGAAACGTTAGTGGCC
GACAAACGTGGTGAACCTGGTGTGCGGATCTTGGACTTGGTGACGCCGAAGCTCGCGTC
CGGCTCCGCTTCCATTCCGTAGATGCTCCCGCTGGGCTCACAGACATTGAAGTACCGCTT
TCCAACCTGTGTGAATTACAAGAACCGCAAGTAATTCTGATGGTGGAAAACCTCGATTCA
TTTCTCGCTTTACCCACTTGGCCGGGCGTAACAATTGCTTGGGGTGCGGGCTACCGTGCA
GTAGACATTGTTTCGAGGACCCCTACTTTTCTAATGGTTCGGTTGCTGTACTGGGGTGACCTT
GACCTGGACGGTTTCAAAATTCTCGACGGCGTCCGACGCCATGTTCTCACACCGAATCC
GTGCTGATGAACCTCTGAAACCGTCTCCCGCTGGCGCTACCTTGGCGTTGCCGACCGAGAA
TTCAAGGCAGAGAGCTTTGACAACCTTCATGATTTGAATCTGACGCACTTGACCTACTC
ATTACAGACGGTGAGCTCCGCATTGAACAAGAACGCATCCGCCTCGATGTTGCTGTTGAA
GAAATCGAGAAAGTAATTCGTGGG

>naRXA02546-downstream

TGAAGTTGTTTCAGAGTTGTTTT

>naRXA02549

ACCCCTACTGCAATCTCCTCCGAAACTTGGCCTATCATGCTCGCGCCATGGGTATGTCTG
CCTCTGCTTTCGCGAAATGTGGATGCACGGGCCATCGCGTTGTCCTTACTTCCCGCGGCA
TGCAATGGGTGCAGTTAATGCCACCGCCACGATGGCAGCACTCATCCCGGCAGCGCTGATC
TTGCTGTATAGAGGGCTCTTCTTAAGGCTGCTTCTGTGGGGAATGGGCGTTCTCGCTGTT
AATTCATGGTGGATCGGACCTTTGTTGGTGTGCTTGGCAAATACGCCCCGCCCTTACCCGAA
TTCATCGAAAGTTCTCCGTCAACCACTTCCTGGCTCAACCCAGTAGAAATACTCCGCGGA
ACCACAGTTGGACACCCCTTCGTAGACACTGAACGACAAGCCGGATATCTCCTGGTCAAC
GATGCTCTCTTTGTACCCCTCAGCGTTCTCGTCGACGCCCTCGGCTTGATCGGCCTCACC
TTGATGAAACACCGTGGACTGTGGCATTTCATGCTGGCCATCGGACTCCTCATCCTCGGC
AGCGCCCACTTAACGGCTGTTCAAGAATTCTCGACGGCCAGGCGCAGCACTTCGAAAC
ATCCACAAATTTGATCTATTAGTCCGCATGCCGTTGATGGTGGGCGTTGCCGATTGGGG
TCGCATATCAGTCTGCCCTTGCTTGGGACGACTGCATTGACCAGCGGACAAGGCAACAC
CACACCATCCCGCTGCCTCTCAAAAACGCCAAGCCGACGACTCCTCGTGGTGATCATC
GCTGTGGTGCTCTTGTCCCGCATGGTCGGCACGGCTGCTACCTCAGGGAACGTGGGAT
GAAGTGCTGACTACTGGTACGAAGCCACAGAATTCCTCAACCAAAACGCCACAGGCACC
CGCACGTTGATTTGGCCTAGCTCGCCGTTTGGCCGCCAGGACTGGGGATGGACTCGGGAT
GAACCAGCTCAACCACTTCTTGATGTTCCGTGGGCTGTCCGCGATGCCATTCCTTTGGTT
CCCCCGGAGGCGATTTCGCGGATTAGATGGTCTCGACGACCTAGGCACTCTAGGCACCGGT
CTAAACGACGAGGCTTTAAAACGTCTAGGCATCGGCGCAGTACTGGTGAGGCATGATCTG
GAAGCCGACCCAGATATTGAGGTGGATCTGCCTGGGGAAAAGCACACTTTTGGCTCCCAA
GGCCAAGTAGACGTCTACCTACCGACCCCGACCGCAATATGTGGATCACTTCCGGCACA
TCCAAGCAGCTGCCACCGTCGCTGGCGGGCGGAAATCCTCTCGCTCCTAGACACCATC
AACGGC

>naRXA02552-upstream

TCCTTAAATACCCACTGTCTCTATTCTGGGTTAGGCTTCACTGGGTAAAAGTGCCTGCC
TATGCCTGAACTTGAGCATGGCAACAGCAAGGAGACACC

>naRXA02552

GTGGGAAAACATGCAGCTGAAACATCGGAACCGAAGAAAAATTCACCGTGGCGCATTGGT
TTGTTGACGTTTTTGTATTCTTTCAGTTGTCGTGACGCTGGTGGGCATGGTGATGCTGTGG
CCGGATTCTGATGATGTGGTGTGGCGGATAACTTTTCGCAGACGTTTTCGGGAAATCAT
GAGCAGGTGGATGGAACGATCAGCTCGTTGATAATTCTGCGTGTAATTCGCCAGACACC
GGCCGAGTTTTTTCGGGAAAGCCCCACGATTCTGCGGAGCCGGCAACGTTGGAGTGCGTG
CGTGCACTCGTAGACATCACATCGGGTGGCAATGAGGGGAGAAAACTCAGCTGATCACT
TACGCGCAACCTGGTGATCCGGAGTTTTCCGAGGGCGACAAGATCCGCATGGTGGAACA
CCGGATACAAATGGCGAGATCATCTACACCTTTGCTGATTACCAGCGCGGACCGGCGTTG
ATCATTGTTGGGGTGTGGTTCTCATTGTGGCGATGGGAGCTTTTCGCGGCGTGGCGAGGTGTG
CGTGCGCTGGTTGGTTTGGTTCGTACCTTGGGAATTGTTGGTATTTCTTGCTGCCAGGA
TTGGCCAGCGGGCAGATGCGATGTGGTTGGCGCTGGTGTGTGGCGCGGCGATCTTGTG
ATTGTGGTGCCGATGGTTACGGAATCAACTGGAAATCGGCAGCTGCGTTGGCGGGCAGC
CTGGTGGCATTGTGTGTGTCGGCGGTGTTGTCGTGGGCGTCGATCGTCACCACTGAATTT
GCGCGGACTGGGCGA

>naRXA02552-downstream
TGAGAATCATCTGAAGATCATCA

>naRXA02554-upstream

GCTTTTGAAGTGTGTCGCGTGTGCGGACTGAAATAGTTTCCGCTTCAACTTGGTTGCTAA
GGATAGGCTCCATAAAAAATAACCAAAGGCGGAAAATTTCA

>naRXA02554

ATGTCACACACTAAGCCATCCATTGCCATCCTCGGTGCTGGCCGAGTGGGTTCTTCACTT
GCCAGGTACAGCGTGCCTCGCAGGCTATGAGGTAAAGGTTGCTGGTTCAGGTGCTGTGGAC
AAAATCGCTCTTACCGCTGAGATCCTTATGCCCGCGCGGTTCCAAGCACTGCTGACCAG
GCTGTAAAGGATGAGATATTGTGTTCTTGGCTGTTCCCTGCATAAATTCGCGAGTGTC
AATCCAGCCACTTTAGAGGGCAAGATCGTTATTGACACGATGAACCACTGGGTTCCGGTC
AATGGTGAGTTGGAGGAAATTGATCAGGATCCGCGCAGCACTTCGGAGATTATGCGGAG
TTTTTCGCGGGATCAACCATGGTGAAGTCTTTTAAACCAATTGGTTATCACGAGATTGAG
CAGGATGCGGGTACCGGGCGTGCGATTGCGTATGCCACGGATGATGTGGATGCAGGTGCC
CAGGTTGCACAGCTAATTAAGAGTTTTGGGTTTGTTCCTTTAAATATTGGCGCATTGGAA
AACGGCCGTATTCTGGAACCTGGCCAAGAAGCTTTCGGCGCGCACCTTAATAAAGATTTCG
CGCTAGAACTTGTTAATCAGCGG

>naRXA02554-downstream
TAGTACCTCGATCTTCAGCCAAC

>naRXA02555-upstream

GTTTTATCGCTATTTAATACAGGCCTACCCCCACTACCCCCATTAGTTTACGGGAATCCC
CGGATTTAAACAATTAAAAACCTCTAGAATGAGACATT

>naRXA02555

ATGGGCGAACAATTTCCAGGCGATAAAAACATCCGAGTCAGCGACACCGAAAGATCAGCA
GCACTAGCAGCACTCGGCCAGTTCTACGCAGAAGGTCGCCTCTCCCTAGAAGAAACCGAC
GACCGCTGCGAAGCCGTCGCGGACGCCAAAACCCGCGGCGACCTCAACGCCATCTTCTAC
GATCTGCCCCAACCAACAAATCGCAGTCGTGACCGCTCCGAACAAACCTACACAGCCACC
GAAGTTGCCGAACCTCCACCGCAAAGGCGCACGCCACGCGCGGAATCCTCGGACTCACC
ACAGTTTTAGCCATCACCGGTACCGCTGCTTTTCGCCAGCACACAGCTTTTGCAACAGTA
CTTTTAGCCCTGATTCCGATCGTGTTTCATCATGCTGTACGTGATGAAAATTGGTCCTGAA
TCCTGGCACGCACCAACACCTCGCCAACCTCAGCGAAAGCGCATGATCGAACTGCGTGAA
AAGGAAAAACTCCGCGACATGGAGCTCAAAGCCAGCGCAAGGAACGCACCCACGCATTA
ACCAACCGCGCTTGGATGCTGCTGAACTGCTTTCAACACCAAGCCCTGGAAGAAGAAC
AAA

>naRXA02555-downstream
TAGGGCTTTTGAAGTGTGTCGCG

>naRXA02564-upstream

ACACCACAGTGAAGCGGTGACGTGAATCACCCAAGCACTTAGGCATCAAACATTCAAGAG
CTTGTGTGCCAAAAGTCCGACCGAGAGGGATTCCCCCAA

>naRXA02564

ATGGCCGAAGTAGGAGGAGAAEECGEAGGGTCTGCACAATCCAAAACCTAAACAATTTGTT
GTAGGTACCGCAGCGGTGGTCATCACTGCAATCGCTGCGTTTTTCTCCATCCAGTCTGCA
TCCGGTGGCGAGGATATTCGTTCCAACATGACGCTGATTGCTCCTGCAGCTGCAGGTGGA
GGTTGGGATACCTTCCAACGTGAGCAGCAGCAGTCTATGCGCGTGAATAAGATCGTGAAC
AATATTCAGGTGGTCAACATCCCTGGAGCTGGTGAACCATTTGCACTTGGCAAACCTGTCT
ACCATGACTGCACCGAACACCTTGATGGTGGGTGGAACGGGGCATATCGCAGCACAAATT
CAATTCGATACCCCTGCGAAAATCCAGGATGTCACCCCAATTGCTCGTGTGGTGAAGAG
TTCGACATCATACCGTGCCAGCGGATTCTCCATACAACACCCCTTGAAGAGCTCATTGAA
GGTTGGAAGGCAGATCCAGCAGGAGTGTCTTGGACCGGTGGTGGTTCTTTGACCAGCTT
GTTATGACAGAAATTGCACTGTCTGCAGGTATAGATCCTAAGCAAACACCTTTATTCTCT
TCTGATGGTGGTGGCGAAGCGATTGAGGCGCTACTGAACGGAACCGCAAAGGCATCAACT
GGTGGTTTTGCTGAT

>naRXA02568

ATCCCGGCAGCACCTAGTGCCCCAGGCAGTGCAATTCCAACACCAGGCACAGCAATCCCT
GTGCTTGAAGTGCAACTCCTGTCCCAGCACCTGGGGTTAGTGACCTGGCGCAAGCGTT
CCAAGCATTCCAGTACCAGGATCTGTACCCCACTGCACCAAGGAATTTCCGCACTGGC
GGTGCACTTCCGACTCCTGGCAGTGCGCCCCAACACCTGGCGGTGCCCTTCCGACTCCA
GGTGAGGCACTTCCCGTTCCCGGAGCACCTGGTGCACCCGGAGCATCCGGAATCCCAAGT
CCTGGCCTTCCAACCCAGGTGTCCCAACTCCCGGAGCTTCTTACCAGTCCCAGGAGCA
CCAGACGCACCTGGAACCCCAAGCATTCCCGCAGCTCCCGGCATTCAAGCACCAGGAATT
CCAGCAGCACCAGGAGCCCCCTGCCCAAGCTGCTGCTCACGCAAAGCCAGTATTCCAAGAT
GCAGAGAAACGACCTCGCACAGATGAAGCTGGAAATGCGAAGAAGGAACCTGCCGTGAGA
GTTCCGTTGGCGCAGCCAATTACACGTAAGCAGTGGGCAATGACTCTTGGTGTCTTGGTT
CTCGGAGCAATTGTCGTGGCTGCAATCGCGGTGGTCTTGCCAAATGGGCGTTTACCACG
GAGTGGTTGCAGGACTTCGTGAGAAAGTATCCGGGTAAATATGACAACCCCGAAGGTGCG
CCAGTAGGAATTCCAACGTGGCTGAGTTGGCAGCACTTCTTCAACATGTTCTTCATGGTG
TTGATTATCAAGACGGGCATTGAGATCAATAGAACCCGAGGCCAAAGGGTTATTGGACG
CCGAAAAGGGTGGCAAGAAGATCTCCTTGACGTTGTGGATCCACCTGGTTTTGGATTTG
TTGTGGATCATCAACGGTGCAGGTGTTTCATCATTTTGTGTTTCGCGACGGGTGAGTGGATG
CGCATTGTTCCAACCACTTGGGATGTGTTCCCGAACCGCTGAGTGTGTTTGCAGTAT
GTGTCGTTGGATTGGCCGACTGAGAATGGTTGGGCGAATTACAACAGTTTGCAGGAGCTG
ACGTACTTCTTCACTGTCTTATTGCGGCACCGTTGTCGATTGTGTCTGGTTTCCGGATG
TCGAGTTACTGGCCTAAGAACAATGCGACGATGAATAAGTTGATCCCATCGGGTTTGCT
CGTGCGTGCACATGCCAGTGATGGTGATTACATCGTGTTTCAATTTGTATCCACGTGTTT
TTGGTGTGGCGACCGCGCGTTGCGCAATTTCAACCATATGTATGCAGGTCAAGACGTT
GTGAACCTGGGTGGTTTTGGTTGGTTGCTGGCGTCGTTG

>naRXA02569-upstream

AATCTTCAAATCGTTCCCGCAAGCAAAAGGTGACATACTGCTGGCTTGTTTTTGCATTCTG
ACGATCTGCATGGGGATTACT

>naRXA02569

ATGTCACGCTCATCTAAAATTTCCGGTGCAGTTTGGTGGCCTACTCATCGCTGCTACCTGG
CTGTATTTGGTCTTGGTCAGGCCTACCGATTGGGAATCAGTGGGTGGTTCCACGGAAGCG
TTGATCACGTTGGTGGGCTATGTTGCCGGCACGATCGCGTTGTTGGTTGGTGTGCTGCCCT
ACGCTTCCAGCCAGGACCATTTGCGATCATTCCCTGTGGCTTTGGTGTCTCAATATTTGTTA
GGCCAAGTCACTGGTTCTTTTGTCAATCCGCTGTATTTAGATGCGGTGGGCACAGTGCTG
GTCGAGCTCTTGTGGTCTAGTGCTGGTTTGGCAACAGGTGCTTTAAGTTCTGTGGTG
TGGGCGTTGTTCAATCCGCTGGCTTTGCCGTTTGTGTCAGGTTCCGCGCTGACTGGTTGG
TTGACCGGTGTGGTGATTAAAAAGGGTGCCTTTAAGAAATATCTTCGCCACCATCATCTCT
GGTGCGGTCAATGGTTTGTATCACGGGTGCTGTGCTGCCCCGGTTGCGGCGTTTGTAT
GGCGGAACCGCCGGTGTGGGAACCTGGTGCAGTGGTTAGCCTCTTCCGCGAAATGGGTAAC

TCTTTGCTCGCATCGGTAACCTGGCAGTCGTTTATTTCCGATCCTTTGGATAAGGCCATT
GTTATGCTCATTTGTGTTTGTGGTGGTCAAGTCGCTACCCAAGCGCACCCTAGGGCATTG
GTTCCGCAGCGGGTTCCGGAGGACGTCGCT

>naRXA02569-downstream
TAAACATGAATCCTTTGACATGG

>naRXA02570-upstream
CCATTGTTATGCTCATTGTGTTTGTGGTGGTCAAGTCGCTACCCAAGCGCACCCTAGGG
CATTGGTTCCGCAGCGGGTTCCGGAGGACGTCGCTTAAAC

>naRXA02570
ATGAATCCTTTGACATGGATCATTGGCGCATTGAGCATGTGGATCGTGGTGCTGGGCGTT
AATAAGCTTGGTTAAGCATCGCAGTGATCATCATCGCGCAGGTCGTGGCGATGATTCCG
GTGCGCAATGTATCTGTGTTGGCTTCAACAGCATTGTTATCGGTTCTGCATTGGCCTCG
ATGGCGCTGATTACATGCCGTATTCTTCCGACGGCTGGTTGATTGCTCTTACCTTGACG
GCTCGTTTTAGTGCGTTGATGTCTATTTTCTCTTGCAGCAACAGCGATTACTATTCTT
GAGCTGGTGAAATCCCTATATCGTTGGCCCAAGCTGGCGTATATCGTGGGTTCTGCATTG
CAGATGATTCCGCAGGGTAAACAGACCTTGGCGTTGGTTTCGTGATGCCAATGCTTTGCGC
GGGCGCAGCGTTAAAGGTCCCGTGCGCGCGGTGAAATATGTGGGTTTGGCCCTGATTACA
CATTTACTTAGTGAGGTGCCGCGCAGCGATTCCCTTGGAGGTCGAGGCTGGACAGG
CCGGGGCCCGTACGGTGTTGGTTGAGGTGGTGGAGGGGCGGTCGAAAAGCATTGTGCG
TGTTTGTGCCGCTTTTGGCAGTCGGGATGGCGTGGTGGCTC

>naRXA02570-downstream
TAACTCAAATCGTCGGACCGTCC

>naRXA02573-upstream
CTTCCACACGGCTCTAACTATAGGAAAAGACGGCAGCAAAGCATTAAATCGTCGGTAGGCT
GAAGTGAAGTACTTCCGAAAGATTACAGGGAGCATGCA

>naRXA02573
ATGACGAACAAAACCATGCTGGTTGCTTTTGTATGGCTCACCGGAATCCCGGCGCGCTTTG
GAATATGCGGCGAAATTGTTGCAGCCGCGCACCGTGGAATTTTAACTGCGTGGGAGCCA
TTGCATCGGCAAGCTGCGCGCTCGGTTTTCGTTGATCACCTTGGGGGTGGAACCCGAAGAC
CCCGCCCATTCGCTGCACTAAAAACCTGCCAGGAAGGCGTAGAGCTAGCCCAATCTCTA
GGTCTGGAAGCGCGAGCCACATGGTGGAATCCGCAACGGCCGTGTGGAGCGCCATCGTT
GATGCTGCTGACGAGCTCCGCCCGACGTGATTGTACCGGCACCCGCGGGATCTCCGGA
TGGAATCCCTGTGGCAATCTCCACCTCAGACAGCGTGCTCCACCACGCCGACGTACCA
GTTTTTGTGCTTCCACCCCTGGAC

>naRXA02573-downstream
TAAAACCGAGACGAGAACCAAGA

>naRXA02575-upstream
CCAATTGCTCTACATCACACGTCTCGAACAAAAGTGAAGTTACCAGTCCGTAACCCCTTC
TGAGTAGGAATTCGCATCAGTGCAACTAGCCTTTCAGGT

>naRXA02575
GTGAAGAACTCTGGGAAAAATTCCGGCAAAGAATCGGACCAAAGGGATCCTAATCGGGGTT
CTCGTTGGTCTGATTGCCATTTTTGCAGGCATCTATGCGGTCGATGTTTTCTCAACAAG
GACAACATCCCTCGTGGAACAACCGTCGGTGGCGTCAGTATTTCCAACCTCAGTGACAA
GAAGCCCGCACAAAGTTGGAAACCGAATGGCCAATGATGTGGTGCAGCCCGTCACCGTG
ACGGCAGGGGAGCAGAGCACTTTTGATCCAGTTGCCTCCGGCGTCGGCATCGATTGG
GACGCAACCATCGAAGGCACCGGCGAGCAGTCTTGAACCCCATACCCGCTTCGTGGCG
CTGTTCAAAGAATCCGAATCTCCATCGTGAGCACCGTCGATCCCGCAGCCTTCGGCCCG
ACCTTGATCGCATGGTCCGGCAACTCTATCGAGATCCCATTTCCGGAAACCTGCATATC
GACGCCGGCACCTCGTGGTCAACGACACCATCGACGGACAAGCCGTAGACCGCACCATT

TTGGAACAAGCAGTCACAGAAAACCTGGCTCAACCCAGAGGGCGTAAAAGCCGAGCCATAC
 GTTGTTCCTCGCTGCGATCAGCCAAGACACCATCGATAAACTTGCAGAAGGCCGCGGAGCT
 AAAGCAGTATCTAGCCCTTTTCGTCGTCGAGGCGATGACGGAATTGAAGGCACCATCCCC
 GTCGAGCGCATGGGTGAAGTGGTGAGTTTCCAGAGAAAACGGCACCATCCGCGTCGAC
 ATCAATGCAGAAGCAGCAACAGCAATGCTGGCCGAAGGTCTCAAAGAAAACAGAGATCGAG
 CCCACCAACGCTCAAATCAGTTTCTCCTCAGGCTCCCGCGTAGTCACCCAGAAAGTCACC
 GGAACGGAATCAACTGGGAAGAAACCCCTGGCCGATETGCCAACAAECCTACCCGGEGAT
 GGCCCCCGCACCATCGACGCAATCTACGAGGACACCCAGCAACATTACCCGCCACCGAC
 GCCCCAAACGCTACCTTCAATGAGGTGATGGGCGAGTTCACCACCGGCGGCTTCTCTGCT
 GCCTCCGGAACAAACATCCGCCTCACCGCGCAAATGGTCGACGGCGAGTCGTTTCACCT
 GCGGATACATTCTCCCTC

>naRXA02576-upstream

CTTAGGCCTGTCGTTGCTTGCATTGGTGTGTTCCCTCACGGGAATTTTCAAGCGCGGCCA
 GCTGATGAGCACTGTGAATAAACTCAGGAGTTAAATCCTT

>naRXA02576

ATGACCCCGACCCGCGTATCCTGCTGTGGGCATGGACGACTGTGCTTTTGGGTCTTTG
 CTGTGGCCGTTGGCTGCGCCTGGCGAGTTGTTGTTGCGGGATATGTCGGTGGTGACCAT
 CCTGCGTTGTCTGTAATGCGTTGGGTTTTGGTGATTTGCCGTCGCGGAACGCCCCGAG
 GATGGTGTGCTGGCGTTGCTTGGCTTTTTGCCGGTGAGTTGGATCGTTCGAACCATGCTG
 CTTGTGGCGGGTTTCGCGGGCGCGTGGGGTGCATGCGCCTTGGGCCCTTCCAAGTTTTTG
 GCGGTTACCGTGGCGATTTACAATCCCTTCGTTGGTGAGCGTCTGCTGCAGGGCCATTGG
 TCGTTGGTGATGGCGGTGTGGCTGTTCCCGCTGGTTGTGGCGCTGCGCAGGCATCCGCGT
 TGGCAGGTTGTGGCGATCTGGGCGGCGTCTGTGACGCCCACGGGTGCGGTGGTTGCGGCG
 GTCACGGGCGTGGCGAGTTCTAAAAGAAAACGCTTTACGACGCTATGTTCCCTCCTTTCG
 TGGCTTCCTTGGCTAATACCTGCGCTTCTTGCCACCCCCACTTCGGGAGGTGCGCTGACC
 TTCGCCATTTCGTTCTGAAACATATGCAGGAACGTTGGGAACTGCGCTGGGCCCTGGGTGGA
 ATTTGGAACGCGGGGGCCGTGCCGGCCTCACGCGAACTGGGTTTCGCGGTTGCTGGAATT
 TTGTTATTTGCGATTCTGCTGGCGGGTTTCAAAAACGTCCGTTGGGTTCTCGCACTGCTG
 GCGGTCCGTAGGTTTTATGGGGGCGATCCGTCGCTGGCTGATGCCGAATCTGTTACGCTGG
 ACCATCGCATATGTTCCAGGCGCCGCGCTGTTTAGGGATTCTCAAAAACCTCCTCATGCTG
 GCTATCCCTGCCTATGTGTGTTTGGCCGCCGGGGTGAAGAGCCCACTGTCGTGGGTGGCT
 ACCGGTTTGGCGTTGCTCCAGATTCTGATGCACCACGTGAGGTTTCCGTGATACGCCCCA
 AGTTTCAGCGCATGTGAATCAGTGGAAGCACTGGCAGAAATCGCTGATGGCCGCGACATC
 TTAATCATCGGCCAAGCCCCCTTGGTGACCCGCGAGGATGGGATCCCGGTTGTGATCCC
 AAAACCAAAGCCCTCTCCGTGGTGGAATCCGGCGAACTGCGTGTGGACGGAATCATCACC
 GACGCGCCCTCACAGCGGTGGACCGAAGCAACGCAGGCATGGGCGGCCGGGGATATCGAG
 CGCCTTGAAGAACTTGGCGTTGGTGTGCTGGTGGATGGAGATACGATCACAGAACTGGC
 GCACCACCGCAGCATGGCTGGAATACTACCTCGGTGTGGGCTGACCGTGTGTTGGATG
 GCGTTGCCGCTGGGACTACTTTTTTCGACGCAAGACCAAGAAG

>naRXA02576-downstream

TAGTTCCTCGAACTGCGCTCCCG

>naRXA02577-upstream

GGGGTCGACGGAGGTTTGAATGCAACGTGGGTGCGCAAGACTCCCAGGGAGGCGATTGC
 GCGTAGTCCCTCGAGTGAGCTGATGAATCCGCGATGGCGG

>naRXA02577

ATGGGTGCATATGATTGGGTAGACATTATTTCAACATGCGAGTTTAGCGGAAAGGTGTGG
 GCTGTTTTTATGAAGCGATCTGCAACGGTCTCTATTATTGCGGGCGTGCTGTTCTCATT
 TTTGCCTTCACGGTACCGCCGTATGTGACTGGTCAGGCGCGGACGATTCCGAAGGATTTG
 GATCTGACGTTGGTGAGCGAAAGTCCGCAGGGGTTTGTGCGCACTGAACATATTGTGACT
 GCTCCGACGGAAGGTCGATGAGATCGCGACGCATGTGGATCAGACAGTTACGGATGTG
 CAGGGGAAAACGTTGCGGAAATTTTCGGATGATGTGGTGTGATTGGACACTCTCGTTAT
 CCGGTGATTAAGCCGACTGCCACCAATTTCCGGTTCGCCGCGGATAGTAGCAATGTGGTG
 CGGGAGGGGTTGCATTACTTCTTCCCGCTAATACGTTGCGGAATTTCTATCCCTATTAT
 GACATCGTATTGGGTGAGGATTCCCCGGTGGATTATGTCTCGCGCGAGGGCAATACTTAT

ACCTTCTACCAGCATCTTCGTTATGTTCCATTGGATGATTCTCACACCTATTCGGTGGAG
CGGACCCTGAAAGTGGATCGTTTTTCCGGCATCATTGTGGCTAAAGATGAGGCGATGACG
TTTCATGGCCCAGACGGCGATGACACAGTAGAATTAATTACTGCGGATACGTTGAAG
CTTCTGCAGGATCATGCGCATGATATTGATCAGCGGTTGTCTGGGCTAAGGGGTTTGAT
TTCTTTTCTAAATTCTTAGGCCTGTCTGCTTGGATTGGTGTGTTCTCAGGGGAATT
TTCAAGCGCGCCAGCTGATGAGCACTGTGAATAAACTCAGGAGT

>naRXA02577-downstream
TAAATCCTTATGACCCCGACCCG

>naRXA02584-upstream
GACTCAAGCCAATGAATCCCTGGATGTGGAACAGGATACGATTAAGTCAAGTCTAACC
GACAGTCCGCAATTGAAAGGCCAGATACGTGAACCGCTGG

>naRXA02584
ATGTCCCTGTGTGATTCCATCGCCATCGGTCTCTTCGCACTCTTCGCCCCGCTCGCC
CACCAAAGCCCGACATGCCACTAAATGTGCAAGGCTGGTTTTTACATGGCTGCCATTC
CTCGCAGGTGTGTTTCATCGCCTACCTGGTGGCAATCCTCCCTGCGAAGCTTCCAGCGAA
CGCATCCGCCCCGCTGGCCTGACCGTGTGGATACTCGCGGTAATTGTGGGACTTGTGATT
TGGGGCTTCAACAATGGTGGGGTTCCACACTGGTCTTCATGATTGTGCAACGACCGCC
TCCGCCATTTTGGTTCTCGGCTGGCGAGCGTTGTTTAAGGTGACAATGCGC

>naRXA02584-downstream
TAAGTGCTTTTAAAAAATGGGAG

>naRXA02585-upstream
GCGAGGATTTTTCAGCAACCCCTGGATTTCGTTGGGCTTTGTCCCTGGCGTTTCTAGGGGT
GATCCTATTTTTCCTGAGGGATCAGCTGGATTTCCTCAA

>naRXA02585
ATGGGCATCCAACAAATCCGCCACGTACGCCCCGTAGGCGTTGCCCTCACCATGGTGGCG
TTGGTGTGTCATTCGTTGCGATGGCCAGAGTCATGCAGATCATGTTGAAAGCCGGAGGT
AGTCCTGCGACTCTCAAAGCCACCACGGCTTTAACTTTTTCGCGCTAACTCCTGGTCCGCG
ACCCCTTCCTGGCGGCCCCGGCGTTTTTCCGCGATTCTCACCTATAAAGTGCAGCGCAGCTGG
GGTGCCAGCGCCGTGCTGTGTTTCGTGGTTTTTCTGCTCTCCAGTGGCCTATCGACCGTC
TGTTTGGTTGCTCTCGGTGTCTCGCCGTGTTTTATATGGGCGCATCGTGAACCTATGG
TCACTGATCGCCACATTCATCGCCATGGTCCGGCTGTCTGGCGCCGTTTATGGGCAGCC
AACAACCCCGACTCCTTGGCTCGGTGGGTGCGAAAATTGACGAAAACAGGGAGTGGGGC
TTCGTGGAAGCTTCTTGAAGCATGAGCAGCTGCGCTCGGTCTCGCTCACCGGGCCG
CAATTCGCGGCCAGCACCGCGTGGTCTTTAGGCAATAGGCTTTTCGACGCCATCTCCCTC
TGGATTGTCATCTGGGCGGTACCGGCACTGCCCCGATGTTGAACCAGAACCCAAACAAC
ACCACCATCGCAGGCGTACTGTTGGCGTACACCACCGCAAAAATCGCAGGCTCAATCCAA
GCCACCCAGCGGAATCGGCCCCATCGAAGCCGCTACATCGCAGCCCTCGTAGCCACC
GGTATGACCGCAGTGAAGCCGCGGAGCTGTCATAATCTACCGTTTATGCTCATTTATC
ATCATGGCGATTGTGGATGGGTCTATTTTATCTATTTACCCCCCAGGGACTCAAG
GCCAATGAATCCCTGGATGTGGAACAGGATACGATTAAGTCAAGTCTAACCGACAGTCC
GCAATTGAAAGGCCAGATACG

>naRXA02585-downstream
TGAACCGCTGGATGTCTTGCTG

>naRXA02588-upstream
CTCAGCTGACTGACCGTCAGGTCATACCAAGTTTGAAGGCAAAGGCTTGGAAAAAGATC
ACGTGATCAATGAGTACTTGTGGCAGAAGGTGCAAACTA

>naRXA02588
ATGTCTGATGTGCATGAGGTCATTCATAGCTACAATCCCACTGACAAAGAAGGCCCTGAA
AGTGTCTTCTAGTGTGGGACGCTCCCAACCTAGATATGGGTTTGGGCGCTATTTGGGT
GGTCGCCAACCGCTGCGTACCGACCTCGCTTTGATGCCATCGGTGGTGGTTGCTTGCT

CGCGCAGGTCGCAGGGCACATGAGTTGGGCCGCCACATTGAGCCTGAGGCAACGGTGTTT
GCCAACATCACCCAGGTGGCTCTGATGTTGTTTCGACCTTGGGTGGAAGCGCTGCGTAAC
GTTGGTTTCGCGGTCTTCGCTAAGCCTAAGATCGGCGAGGATTCCGATGTCGATCCGGAC
ATGATTGATCACATTTCGAGGCGCTATGAAGAAGGCGTGCTGCGGGGTGTCATCGTGGCC
AGTGCAGATGGTCAGAACTTCCGTGAGACTCTCGAGGAGCTCGTTGCAGAGGGCATTCCCT
GCCACGGTCATTGGTTTCCACGAGCACGCGTCATGGGCTGTAGCTCATGACACCATCGAG
TTTGTGATCTGGAGGAAATCCCCGGCGTCTTCCGTGAGCGGCTTCTCGCGTCAAGCCTG
GATAACCTGCCAGACGGTGGCGCATGGCTGCAGCCGTTCCGCCCTCTGACTGCCTTGTTA
TCCAACCGCCACAATTCCCAGGAG

>naRXA02588-downstream
TAATCCACCCGTGTTTTCTAAAT

>naRXA02591-upstream
ATGTGTCCGTTGTCTACCTAAAGTTTTAACTAGTTCTGTATCTGAAAGCTACGCTAGGG
GGCGAGAACTCTGTCAATGACACAAAATCTGGAGAAGTA

>naRXA02591
ATGACTACTGCTGCAATCAGGGGCCCTTCAGGGCGAGGCGCCGACCAAGAATAAGGAACTG
CTGAAGTGGATCGCAGACGCCGTTCGAGCTCTTCCAGCCTGAGGCTGTTGTGTTTCGTTGAT
GGATCCCAGGCTGAGTGGGATCGCATGGCGGAGGATCTTGTGAAGCCGGTACCCTCATC
AAGCTCAACGAGGAAAAGCGTCCGAACAGCTACCTAGCTCGTTCCAACCCATCTGACGTT
GCGCGCGTTGAGTCCCGCACCTTCATCTGCTCCGAGAAGGAAGAAGATGCTGGCCCAACC
AACAACCTGGGCTCCACCACAGGCAATGAAGGACGAAATGTCCAAGCATTACGCTGGTTCC
ATGAAGGGGCGCACCATGTACGTCGTGCCTTTCTGCATGGGTCCAATCAGCGATCCGGAC
CCTAAGCTTGGTGTGCAGCTCACTGACTCCGAGTACGTTGTTCATGTCCATGCGCATCATG
ACCCGCATGGGTATTGAAGCGCTGGACAAGATCGGCGCAACGGCAGCTTCGTGAGGTGC
CTCCACTCCGTTGGTGCTCCTTTGGAGCCAGGCCAGGAAGACGTTGCATGGCCTTGCAAC
GACACCAAGTACATCACCCAGTTCCCAGAGACCAAGGAAATTTGGTCTTACGGTTCCGGC
TACGGCGGAAACGCAATCCTGGCAAAGAAGTGCTACGCACTGCGTATCGCATCTGTTCATG
GCTCGCGAAGAAGGATGGATGGCTGAGCACATGCTCATCTGAAGCTGATCAACCCAGAG
GGCAAGGCGTACCACATCGCAGCAGCATTCCCATCTGCTTGTGGCAAGACCAACCTCGCC
ATGATCACTCCAACCATCCCAGGCTGGACCGCTCAGGTTGTTGGCGACGACATCGCTTGG
CTGAAGCTGCGCGAGGACGGCCTCTACGCAGTTAACCCAGAAAATGGTTTCTTCGGTGTT
GCTCCAGGCACCAACTACGCATCCAACCCAAATCGCGATGAAGACCATGGAACAGGCAAC
ACCCTGTTTACCAACGTGGCACTCACCGACGACGGCGACATCTGGTGGGAAGGCATGGAC
GGCGACGCCCCAGTCACTCATTGACTGGATGGGCAACGACTGGACCCCAAGTCCGAC
GAAAACGCTGCTCACCTAACTCCCGTTACTGCGTAGCAATCGACCAAGTCCCCAGCAGCA
GCACCTGAGTTCAACGACTGGGAAGGCGTCAAGATCGACGCAATCCTCTTCGGTGGACGT
CGCGCAGACACCGTCCCACTGGTTACCCAGACCTACGACTGGGAGCACGGCACCATGGTT
GGTGCATGCTCGCATCCGGTCAGACCGCAGCTTCCGCAAGCAAGGTCCGCGACACTC
CGCCACGACCCAAATGGCAATGCTCCCATTCATTGGCTACAACGCTGGTGAATACCTGCAG
AACTGGATTGACATGGGTAACAAGGGTGGCGACAAGATGCCATCCATCTTCTGGTCAAC
TGTTTCCGCCGTGGCGAAGATGGACGCTTCTGTGGCCTGGCTTCGGCGACAACCTCTCGC
GTTCTGAAGTGGGTTCATCGACCGCATCGAAGGCCACGTTGGCGCAGACGAGACCGTTGTT
GGACACACCGCTAAGGCCGAAGACCTCGACCTCGACGGCCTCGACACCCCAATTGAGGAT
GTCAAGGAAGCACTGACCGCTCCTGCAGAGCAGTGGGCAAACGACGTTGAAGACAACGCC
GAGTACCTCACTTTCCTCGGACCAGTGTTCTCCTGCAGAGGTTACAGCCAGTTCGATGCT
CTGAAGGCCCGCATTCAGCAGCTCACGCT

>naRXA02591-downstream
TAAAGTTCACGCTTAAGAACTGC

>naRXA02593-upstream
TGACGATGACGCCCGCATCGGCGCCTCCCGCCTTGGACTCTAGCACCAGTTGAACGTCAT
TGCCGGGGGCTCTGGAGATTCCGGGGATTCCGGGGATTAT

>naRXA02593
TTGAAGATTGCACACTTCGACCTAGACAACCCCGCCGACGAGTCTCTACATCTTCGCG

CGCAGCCTCGCAGAAGTAGACGGCTGGACCCTAGAATTCGGCGTCGCAGGAGTAAAAAAC
ACCACCATTGTTCTCCATCGACGATGCCATCACCACCATTTTGGCATGGATGAACGGC
GAAGACATCCGCGACCTCAACTGGACCCGCGCA

>naRXA02593-downstream
TAAATGGCCTCATTTCCGGAGCT

>naRXA02594-upstream
GCGTTCACTTCCGCCACCTTGAGGATGAGTGGTATCACGCCAGCACAAACAAAGGATCTT
CATAGGGTTATTAGTCTAGCTGCTTTTAAACAAGCCATA

>naRXA02594
ATGGAAGCCATGGCCACAACGATCACCGTTTTCTCTCCACCCACTCCCCCGCACAAATC
CGCGAAACCATCCTCAGCGCCGCGAAAGAAGACGACGTGGACTTCCTCGGAGTCCCTTTT
ACCCACCCAGAAACGTCAACATCGAAGTCGACGACGAACGATCAACGACTGCTTAGGC
TGGCTCGACGACGTGGCACTCGCCTCCGGCCTGGGCATCCAATACAACGACGAAGTGCTC
CGCTACGGCGACGAAGACATTTCTTTACCGTCCAAACCAAAATGACGATGACGCCCCG
ATCGGCGCCTCCCGCCTTGGACTC

>naRXA02594-downstream
TAGCACCAGTTGAACGTCATTGC

>naRXA02598-upstream
CTTTGGGAAAGTACCCCTATGACGGAAACTGGATGGATCCTGTGGTTGAACCACAGTC
AACGGGAGAGGGGAAATCGGACACTATATGGTTGGAGATC

>naRXA02598
GTGACAAC TGACAAAACAAAAGAAGTCTCAGTGAGCTTGGGCCAGAATCGTTAGTGAA
ATCTGTGCACCGTGGGTACTCAACATCGGATTTTCTCTCATCCTGGGCGGCGTAACAGGC
GCCTGGACGCTAGGAATTGTGGCGGCAATCGGAACCGGAATCGTTCCGATGATCTTAATT
TTGGGCTTGATGAAGCTCGGCAGGGTAGGAAACCACCATGTGACGACCCGAAATCAGCGC
GGCCTTGTGTTTGTGGGCATCATTGTTTGTGTCATCATTTTGATTTTTATCCTCAGAGCC
CTTGAAGCACCTCAGCTGATTTGGGATGGCATGTTCTCAGCACTGATTTTCTTAGTTCTG
TTTGACAAAGTGACGTTGAAAATTAAGCCTCAGTTCATGTTGGGCTGTGGGTGTGTTTA
GTGATGTTCTCGGTCTGACGTTTCTTCGTGGTGGTTACTCGGGTTGCTGTTACCCCA
GTCACCGCGTGGGCACGTATGCGGATCAAGCATCATACGATGTGCGAGATTGTGGCGGGC
GTTGTTACAGGAGCAGTTGCAACCGGCATTTGTTATGCACTCCTACTTGCG

>naRXA02598-downstream
TAAAGGAGAATTATGGATCAGCT

>naRXA02600-upstream
GATTTTGCTTTTCGACGCACCGTTTCGGCCGTTATCTAGATCTGGTCACAATGTCGGTTTT
TCATGGATTATGTCCTTTATCGGACGTACTGTGGGGAGT

>naRXA02600
ATGCAACCTTTTCCACTGTCTTAACCAACAGCTCCGTCGCTGGTATTGCAGCGGGAGCG
TTGCTGTTTCTCTCCGTCCTTTTCGCATCGCCTGTTACGCGCAAACCATACTGCAAGAC
ACCTTTGAAGTGACTGTGTTGGATAATGCCGACGAGCTCGCTCCAGAGGATGAGGATTTT
CTCAGCACGGAAACACCAAGATTGATTTCCCTGACTCAGTTACCGCAGTCCGGTACATC
ACGCTCACGGACAACACTGACAAAATCAATGATGACGTTGAAAATTACCTGCGCGCCGAA
CACCCCGAGTGGATCCAAACAAACTCTTTCGCCCTGGTGAAGTGATCATCGCAGTCCGT
TTCGACCCCAACACCATGGGTGCCTACGCGGGTAACGATGTGGCCGAGAGACTGGGATC
GCAGAACAAGACCGCATCGACGGCACCACCGATGCGATGCGCCCATTAACCAAGACGGT
CGCATTGCCCTAGGCATGTTGGAGGGTGCAAAATCGGTTGCTGATACCTCTGTCGTTTCG
GAAAGCTCAGCTCCAAGTGGTGGAGTAATCGCCGCTATTTTGGGTGGCATCGCTGCTCTC
GTGGCAATTATTGTCGCGTGGGCTACGAGTTACGCGAATAAGAAGAAGGCAGAAAAGGCT
CGTGAGCAGTTTGATTATGCATCACGCCATTATGGTGAGGTGCGCCAGCAACTCGACGGT

ATCAACGTGCGAGCGCACTCGCTAACTTCCCCACTGGCTGATGATGAGCTCCGCAGGCAA
 TGGGACGATGTAAATTCTCGTTTTCTTGAAGTCAATGATATTTTTGGCAGGCTCGAAGGT
 TTGACCTCGACCTCAGAAAACAAGGCATTTGAAAAGCCTTGCCAGATATTGAAAAAGCT
 CATACTGCCGTGACTCAAATGGAGATCGCACAGAAAAACATTGACACGCTCTACGATATG
 GAGCACGGCCATGAAGACACCCGTCGCAGGGAATTAAGTAGGCTGCGTGCCGATATGCAG
 GAAGCCCGTCAAGATATCAACGATAAAGATGCAGTTGTTGACGATATTCTCCGCACGCTG
 ATCCAGCGCACGAAACTATCGCACCGTCCGCAGCTGATTTTCAATGGACCAATACGCCCGC
 TTGATCCGTGATTATGCCGTGGCGCTTCAAGGTGTGGAAAAGAACCTCGAGCAGGTTAA
 CAGACCACCGAGCGCAATGCTCCAGCCATCTACGACGACAATTGGCGCGTGGGCACTGGC
 TACAACCTCGTGGGTCCCGTACTACATGATCAGTTCTTGGCACGCAGCTGATGTCAGTGCT
 GCATCGTCAGCTTCTTCCAGTTTACGAAATACCCTTTTCAGCAGTGGTTTCAGCGGCGCT
 GGAGGAGGTTCCAGCTGG

>naRXA02600-downstream
 TAAACACCACCACTGAAGTCAAC

>naRXA02601-upstream
 CTCATACAATTGCCAGGATCTTCCATGGCGGATACGGCGCGTAAGTTCTGTGAATGCGGG
 GTCCGGATACTACGCTTAGGCAAGATAAATTGTGAGTTCA

>naRXA02601
 ATGAAGGGTGAAGATACGTCAATGAGCGCAACAAACCTGGCGGTTGAGCAGCTACAGCGA
 GTGCTCCTGCCGAGGCGCGGCGAGCCAGCAGATGTCAGGTCGTTGTACCTGTTGGAAGCA
 GAAAGTAATAAGGAACGCCTGGAATGGGAAGATCGTTTTAGCGTTTTCCGTCCCCGCTGGC
 GCCGAGGTGTCTTTTCAGACCTACTTCAATGCATTTCTGCAAGCTACTGGCGTCGCTGG
 TCACAGCTAGATTCTGTCTGACTGAACTGAAAGTTCCGGCGAAGCGCGCTCGACCTC
 TACCGATCCAAGATCGATGGAGCACGCATCGGAATTACCGGTTCCGTAGTCAAAGATGAC
 TTCATCGAATTTGAAGTTTCATTAGCCCCATTGCAAGACGGCGGCTGGATCTGGTTCGAC
 CTCACCGCTGAAACCGACGCAACCGTCGAAGAAGCAGGCTGGTACGCTCCACACGCGCCA
 AAAGCCCAGATCATGCCAGATGGATCTGAAGTCGGCCATTTGAAGCCCGTGCAACCGTC
 GGAATCCCCGACCTTCAACCGCCCCAGCTGATGCAGTTGCAGCACTGGAAGCACTTGCCCTC
 GACCCAGCAGTTGACCGCGTCATTGATACCGTCATCATGCCTGATCAAGGCAACAAGCAC
 CCTGCCGACGAGCCAGGTTACAAGGCAGCTGTTGAGCACTTCGGCGACCGCTTCTTCGAA
 TTCCGCCAGGGCAACCTCGGCGGATCCGGCGGTTACTCCCGCATCATGTTGGAAGCCCTT
 GCGGAGTCGACGGCAAGGGCGAAGCAGGCGTGCCAAGAGCCCATACATCCTGTACATG
 GATGACGACATTGCTATTGAGCCAGACTCAGTGCTGCGTTCAGGTAGCCCGCTAC
 GCAAAATCCCCCATCCTCGTTGGCGGACAAATGCTCAACCTGCAAGAGCGCAGCCACCTT
 CACACCATGGGCGAAGTAGTTGGCGGACACGACTTCATGTGGACCGCCGACCCACACGTG
 CACTACGACCACGACTTCTCTGCACACCCACTACATGATCGCGGTAAATTTCGACGACAAG
 CCAGACGCAACCAACTCCCGCGACCTGCACCGCCGATCGACGTTGACTTCAACGGCTGG
 TGGATGTGCATGATCCACGCGTTGTGCGCGAACAGATCGGCCAACCACTCCCACTCTTT
 ATCAAGTGGGACGACGCCGAATACGGTCTACGCGCACGCAAGCTGGATTCCCCACAGCA
 ACCTGGCCAGGAATCGCAATCTGGCACATGGCCTGGTCCGACAAAGACGACGCCATCGAC
 TGGCAGGCCTACTTCCACCTCCGCAACCGCCTCGTGGTTGCCGCGATGTACCACCAAGGC
 AGCGTCGACGGCATTGTCCGATCGATGCAAAAAGCCACCTTCAAGCACCTGCTGTGCCTG
 GAATACTCCACCGTGGAATCCAAAACGAAGCAATGAAGGACTTCCTTGCAGGACCAGAT
 CAGCTCTTCTCGATCCTGGACACCTCACTACCTCGAATTGCAGCGATTGCAAAAACCTAT
 CCAGACGCCGTTGTGCTGCCAAGCGCCACCGAATGCCACGAGCAACCGGCGCGCCGGGT
 GTCCCAACCAAGGACATCGGTGGACGCTGGCCCAATCAAGAAGGCAATGTGGCTGGCT
 AAGGGCCTGAAGCACTCCCTGTCTAAGGAAGATGCCTCCCAACACGAGGTGCCACAGGCC
 AACTTCGCACCAATCGAAGCACGTTGGTTCAGCCTGTCCCGAGTCGATGGCGCAACAGTT
 ACCACCGCGGATGGCCGCGGCTGGTCTACCGCAAGCGCGACCGCGACAAAGCTAAAGAA
 CTTGGCAAAGAAGCACGCGCACTGCAAAAGCAAGTAGCAGAGCGTTTCGACGAACTCAGT
 CGCGCCTACCGCAACGCTCATCTGAGCTTGTGAGCCGTGAAGCCTGGGGAAAGGTCTTC
 GATGAGCAA

>naRXA02601-downstream
 TAAGGAAGTACAGATTCTGGTAG

>naRXA02602-upstream

CTGCAAAAGCAAGTAGCAGAGCGTTTCGACGAACTCAGTCGCGCCTACCGCAACGCTCAT
CCTGAGCTTGTGAGCCGTGAAGCCTGGGGAAAGGTCTTCG

>naRXA02602

ATGAGCAATAAGGAAGTACAGATTCTGGTAGCAATCCAGGATCAACTCATGGATGCCCA
GGAGTACTGCCACCGCACGAGGACTCAGCCTGCTCGGCGAAGATGCTGCAGGCTGGCTG
GCACTCGGCGCTGGCGGTGCTGTTGTGGACAAAAACGTCGCCGCTCCTGGGCTGGACTC
TTCATCGCTGCACTGGGAAGCCACGCAGCATCAGTGATCATCAAACGAGTTGTCCGCCGC
GCTCGGCCACATGACCCAGCCATCAGGATTGGTGTGGGCACCCCTCAAAGCTAAGCTTT
CCTTCTTCACATGCGACCTCGACAACCGCAACTATGGTTTATCTTGCAGCATCACCAG
TCACCAGTGCCACTGCTAGGAATCCCCATCATGGTGCTATCACGCATGGTGCTTGGCGTG
CATTACCCAACCGATGTGCTAGCCGGCGGCTTGTGGGAGCAGCGACCGCAGAGGCCGTC
CATAAGATCGAAAGGGCTACGAAG

>naRXA02602-downstream

TGAGCGAACACGCCGCTGAACAT

>naRXA02604-upstream

TCTGCATCGTGATGGCTGTGTACATCATGCCGATGTTTTGAATATTTACCAATGAACATG
CTCTGACCAGCATGTCCATTAAAGTTTGAGGCCACATGCG

>naRXA02604

GTGCTAGCATGTGGCCTCATGACGTTTAGCCCCAGCGTCCGGAGTTTGAGACCGGTAAG
CAGCCAGATCCAGAACTGAACACGCAGGTGACTTCTTTGAAGAAACCTCAAGCAGTGCT
CCTCGCGCCGATCTAACGGTTCTTCTGGTCCGAACACACCTCATTACAACGTTTCTA
GCGGCCCTTACTGCTGGCATCTTTGCTTTCTGGGCAGGCTGGACCCGAAAATGGATCAGC
GACGACGGACTGATCGTCTACGCACCGTCCGAAACCTCCTGGCTGGAAACGGGCCAGTA
TTCAACGCTGGCGAACGCGTCGAAGCCAACACATCTACTCTGTGGCAATACTGCATCTAT
CTGGTTGCCTTAGTAAGTACTATCGCCTCGAAGATATTGCTCTGTGGCTTGCCTGCTG
TTCACCACCGCAGCGTCCATCATCGGTGTCCTGGGTACCGCGCATCTCCACCGCAAACGC
ATTGCCGTATTGCTTCTGTCAGGCGTGATCGGCTACTTCAGCCTTTCCCGCGCGGAGAC
TTTGCCACTTCCGGATTGGAGTGGGGCCTATCTTTGATGTGGATTTCATCCAATGGCTG
CTGCTGGTGTGTGGGCGACTTCGGGCAAGACCTCGGGCAAGAAGGCTTCGGGCGCAAAA
ACTTCAAATCCTATCGTTAATGCCGGTGCAATAACCTATGCTTTGGCCTTTTGGTCAGGC
TTGAGCTGGCTGGTTCGCCCAGAACTGGCGATGTATGGCGGTTTGACTGGAGTGTGCTG
CTGCTTACTGCGCCACGATGGCGGGTAGTTTTGGGGATCCTGGTGGCGGCTTGCCTCTT
CCAGCTGCGTACCAAATCTTCCGCATGGGTATTACGGGCTGATGGTGGCCACACGGCT
GTAGCGAAATCAGCCTCAGATGCGGTGTGGGGGACTGGTTGGGAATATGTTGAGGATTC
ACGGGGCCTTACAACCTGTGGCTCGGTTTGGCCTTGCTGTTGGCCGAGGCGCGTTGACA
GTGGTGAACAACTGACAAGCACTTAGCGATACCGAAGGGGCGGCTGGGGCTGCGCACTCCG
GGTATGGCTATAGCGTTGCTGGTTATCTGTGCGCTCGTCCACTTCCTTTACGTATCCGT
GTTGGTGGCGACTTCATGCATGGACGCATGCTGCTCCTTCCACTTTTGCCATTCTGCTG
CCTGTTTCTGTCAATCCGGTCAATGTTGTTGATCGAGGTTGGCAGGATTTGGTTGCGCTG
GTTCTCGTTTTCTCTACGTGGGTGTGGTCCACTGTGGTTTTTGTGCAGGGGACCAATGG
GAAAATACCGGCCAGCATGTGGTTGATGAGCGTGATTTTTGGATTGATTTACCAACCGA
GATGAAGATCATCTCCGCTTTATGCAGAGGATTTCCCTCACTGTTGATTCCATGAATGAT
TACGCAGAGGTTATGCGCGATCAGACGTTGGTTAATCCAACAGGCCAGCAACTCAATATT
CTGGCCAGCAGTGACCCGACCACTTATTCGTGGATCACCACACCTCGCGTGGAGGGGGTT
GAAGCCGGTGATTTGGCTAACCTCTCGCCAACCTGTTTCCATGTGAACCTCGGCATGACC
TCCATGAACGCACCGCTCAACGTGCGTGTGACAGACCTGATTGGTTTGGCAACGCCACTG
GCAGCCCGCCAGCCACGCATTGAAGGTGGTCAATCGGCCACGATAAATTGATGGACTTG
GAATGGCAGGTCGCGGAATCCGCCACTCCGCTGGCGTACACACCGGGTTGGTTGGATACT
CAAAAGACTTATGAGGCCCGCCAGGCGCTACGCCACCCAGAATTGGTTACCTTTCCAG
ACTTACCGTGAGCCAATGTCTACCACCGGTTTGTGACAATATTAAATACGCACTCACT
ACCGGAAGAACACTGGAAATTTAGATAATCCTGAAGATCTTTTGAAAGAAATTAACCCG
ACCCCTGCAGAGATTCAGGACGGGTTAGAACTATTGCTTGGCCTGGGGAAATTAACCTT
GATGAACCTCGCGGAGAACCTTTATATAGCTCTCAG

>naRXA02604-downstream

TAAACACTTATTCGCAAATCATT

> >naRXA02606-upstream

AGGGCGCGGATCACTTCGGATCTGTGGATAACTTTTAAGGCCCTTGTTTTCCCCTTGAAG
CTTCGGTTGTGTGGAAAACAGAAAAGGAGGGGAAAACAAA

>naRXA02606

ATGCAAGAAATCCACACCATCATGAAACACATGGACGCGCTCATCGCCGACCCGTCCGCC
GCCGATTCAAAGCAACACTCCCCTTCGCCGAATCCTCGAAAAGCTCCACAACAAAAA
GCGCTTTTCGACGCCGCCCTCGCCAAATCCGCCGAGCGCGCCGATGCCGGACGCATCATC
GGAAAAACCTCCCACATCGATGCCCTCGCGTACCTTCTCGACATCTCCAAATCCGAAGCA
TTCCGACGCACAAAACGCGCCGAAGAACACTACGGCAACCCAAGCCCGGAACCCAGTTCA
GAAGAACTCGCGAAAGAAACCCCGAAGAGAAGCTAGCCAGAGAAGAAAAAGAGAAACAA
GACCTAGCCGAACAAGCAGAAGCCAACCGCATCGCCGCGAACACGGCATCTCCGCCGAA
AAACAAGACACCATCCGCTACGAAC TAGAAAAACTCAACGACAACACATCCCTATCCCGA
GCCTCACTCCGCAAACTAGCAATGCAGGAAGCCACCAGCCGAACCCCGAAGACCTACGC
AACTGGACCCGCAACAAAGTTATCCGCATAAACCCACCGCCAAAGACCCACTCGCCGCA
GTAAAGAAACGCTCCTTAAGCATCGGACGCCAAGACCAGACGGCGGAGCCAAAGCATCC
CTCTATTTAGATGCCAAAGGTCTAGCCCTGCTCAAATCACTGATGTCTAAAGCCAAGCCG
GGGCATTTGCTTGAAGACTCTTTGGCGGAGGATAAACGTACGAAACCGCAACGCCAATAC
GATGCCTTCGCCGACATCCTCCACCGCGCACACAGCGATCTCCTCCCGCACGATCCGGA
GTGGGACCATCTCGTCTCCCTCTCCGCCAAAGACGTAACAAACCTCAAAGCATCGGGC
CCCGACACCGCTACCCACCAGCACCGGCATAAACTCACACCGCTTGAGATCTTGCGA
CTCGGTGCAGCCAAATATGACTTCGTGACCGTCTCGACTCCGAATCCGGCCGTCCGCTG
CACCTGGCACGCACTCAACGCACCGCCAGCCTGTATCAACGCCTAGCCCTCTTCGCCTCC
GAACTCGTCTGCACCCGCGAAGGCTGCGACTCCCCCTTCGAAGACAACGAAATACACCAC
ATCAGATCCTGGCTAGACGGCGGCCCCACAGACATAGAAAACATCACCACATCTGCCCC
CACGACCACGGAAACAACAACGACCAACGCGACGGCAAAGACAACATGGGGCACATGAAC
ATAGATCCCAACCGGCGCGTTCGGATATCAACCCGCCGACCGCCGAAAACCCATGCGG
TTTAACAACACCGCAGCCGAGCAGAATCAGGAGGAGCACAGGCCAGGACC

>naRXA02606-downstream

TAAGTTTTTAGCGCGCCAAAAAG

>naRXA02609-upstream

GACCGAACGCAGCAGTCAGGCGTCGCAAAGCAATGGAAGCGGCGGAAGCACAGCCCGGA
CGGGGCAGCCGAGGAAATCGACGGCCTGCCCGAGGTGACC

>naRXA02609

GTGGAACGCAGCGCTGAGGCGCAAGCGTTCTTGATGCGCTGAAAGATGAAAAATCGAC
ATCTCCGGCGTGGAGGACAGTTGATTGCGACTGCGCGAAATTACTGCAGTTCGGAAAAAC
AAGGACCAAAACGTCACTGTGATGCGGTTGCAGGCCAGCTCATCGTGCAGGGACGCACC
AGCGTGAAGGAAGATCAAGCAGCGGAAATTTCTACGCTGCTGAAGGAATCTGCGGATCGG
ACGTATTGT

>naRXA02609-downstream

TAACCGATGAGGAAAACCATCAC

>naRXA02610-upstream

CCAGCTCATCGTGAGGGACGCACACGCGTGAAGGAAGATCAAGCAGCGGAAATTTCTAC
GCTGCTGAAGGAATCTGCGGATCGGACGTATTGTAAACCG

>naRXA02610

ATGAGGAAAACCATCACCGTTATTGCTGTATTGATCGTCCTCGCCTTAATCGGCGTGGGC
ATCGTGAGTATGTGAACACATCCGATGACTCAGATTTCAATTGGCCAGCCTGGCGAGCCA
ACCGGTACCGAAACCACGGAACACCGGTTCAACCTGATTGGTGCCCTGCGGTAGAAGTC
ATTGCCGCGCCGGGTACGTGGGAGTCGGCTGCTAATGATGATCCGATCAACCCGACCGCT
AATCCGCTGTCAATCATGTTGAGCATCACTCAGCCACTGCAGGAGCGTTATTCTGCGGAT

GACGTCAAGGTGTGGACGCTGCCGTACACTGCGCAGTTCCGCAACATCAACTCGCAAAAT
GAGATGTCCTATGATGATTCGCGCAATGAAGGCACCGCGAAGATGAATGAGGAACTGATC
AACACTCACAATGAGTGGCCTGCCACGGAGTTCATCATCGTTGGTTTTCTCCAGGGTGCG
GTCATTGCGGGCGATGTGGCTGCTCAGATCGGTTAGAGCAAGGTGTTATTCAGCTGAC
AGCGTCAGGGGTGTCGCCCTGATCGCTGACGGTCGCCGGGAGCCTGGTGTGGGCCAGTTT
CCAGGCACGTTTGTGGATGGCATCGGCGCGGAGGTTACTCTGCAGCCTTTGAACTTGCTG
GTGGAGGEGATGTTTGGGGCGCAACCATGCGTGGCGGGCGCGGGCGGTTTCGGTGTG
CTCAACGACCGGGTGAGGATATTTGTGCTCCAAATGATGCGATCTGTGATGCTCCGGTG
AATGTGGCAACGCCCTTGATCGTGGTGGCCATGGTCTCCGCCAACGGTGTGCACGCG
CTCTACGCCACCAATCCGGATGTTTTCCAGGCACAACCACCAATGCGTGGGTGTGGAT
TGGGCGACCAACCTCATCGACAACGGA

>naRXA02610-downstream
TAAAGCTTTTCGCTTTTCGACG

>naRXA02617-upstream
CTCTTTAATTAACTTTGGGGCACCCTTTACGGTCGTCTCTTGCCTTCCCAAAACATAC
CCAGTAAGTTACTGGGTATCCAACCTTTGATTGGGGAACA

>naRXA02617
ATGTCCATAAAACATGCACTCTTGGTGCTCATGCTCGACGAACCAACCTCGGCAAGTCAG
CTGCAAACCAAGTTTGAAGAAACAATGGGGATCTGGCAGCTCAATATCGGCCAAGTCACC
CAAACCATCCAGCGGCTACAGCGCGACGGCCTGGCGGAAACCGCAGGCACCAACCGTCAGT
TCCAACGGCGCGACCGTAGATACTTTCCAGCCACGGACTTAGGTCGCGAACTTGTCGCG
CAGTGGTTCGAAAGTCCCGTCACCGTCACACTGTCCGAACGCGATGAATTAGTCACCAAA
ATCGCCATCGCAGAATCACGTGGCCTCAATTTGATTCCACTTTTAGACATTCAACGCAAC
ACAGTCATGGCGGAACTACGCGCACTCAACAAATCCAGCCGCGATCTCGCCGAAACCAGA
AACACCCAGCGGCTCCTCGTCGAAAAGCGAATCTTTGAACTAGAAGCCAGGCACGTTGG
CTCGACCGAATTGAAGCATTGGAGCAG

>naRXA02617-downstream
TAAATGACAAACACGCCTTTCCC

>naRXA02619-upstream
AGCGACTTCTCAAAGAACCACCCCACTCATTTGAGTGCGGGTGGTTTTTCTATGCCTA
ATTCTATGCCTAATTCTATGTCTGATTCTATTGGTGTGCG

>naRXA02619
ATGCGCAGTGTAGTTTTAGAACTACTAGAGAACTGGAAGGAATCACTCGTGCTTCACCCC
TCATTGACTGAGCTAGCGGATGCTGCCCCACTTGACAGGATTTTGCCACCGTCCGCGGT
GTGCTGAAGGAATCGCTGGATTTGTTGGGCAATGCACTGAACCACGGTGAAGAGCCCGCG
GAGCTTGCAGGGTGGCTGTCAAGTTATTACTGATGTTTTGCACTCCCTGGCTTGGAT
GCCCACGTGGTGCTACCGGCCCGTGGGGCGTGGAGACGCACTGCCTACCTCGCCCGTG
AGGTGGCTGGCGGTGCTCGATAGCCAAGAAGATCCGAATGAAAAGATTTAGCGCTGTTA
ACTGAGGTGGGCTTCATTGCGGAGCCGATCGGTGCGCAACTCGTGAGGAGTGGGAGCAG
CGTGCGCGCGCTGGTGAGGATCCAGAGGTCTATTTGGATGCTGGCACGTGGGTGCGGGCG
ATCGCTGAAGTAGATGACAAAGCACTGTTGCAGGATGCGTTGTCTATCTAGGCCGCTGCG
GTGGAACTTATGAGGGTCTTCTTTCGTTGGACATGGTGGTAAACATTCTGTGAGAACCTC
ATGATTTCCACGGTGAAGATCGCTCGCTGGGCAGCACACAAGGCTGGTTCTTTGGCGCCT
ACGACTGCGCAGCGCCTCGTGGATGCCCGTGGTGTGCTCACCATGATGAAGTCGACGCG
CTGACACAGGTGTGGACTTCCGCACTGAGCTTGCACTCGAAACGTTGGATGGATCACATC
CATGATCAAGAAACCACCGCTTGGGAGCTTCCCGCGCTGCAACGTGCCACTTTTGGCGCA
TCGGCTCGGTTGCTTTCTGAGGTGTTGCGGTCCGTTGAAGCCCGTGAAATCGATACCAAA

>naRXA02619-downstream
TAGGAACTCTGCACAATTACTGG

>naRXA02620-upstream

ATCGATACCAAATAGGAACCTCTGCACAATTACTGGCTACAATCTCTTGAGATCAATAGGC
CAAAACCTTTAAGGAAGTAGAATTACGCTATGGCAGGAGCA

>naRXA02620

GTGGGACGCCCCGGAGATCAGCTCCGCGACGGGCGAGGCAAGAATCCTCGCGAGGAGATT
CTTGACGCCCTCTGCTGAGCTTTTACCCGTCAAGGCTTCGCAACAACCTCCACGCATCAA
ATCGCTGATGCCGTGGGAATCCGCCAAGCCTCGCTGTATTATCACTTCCCGTCCAAGAEG
GAAATCTTCTCACCCCTGCTGAAATCTACTGTGCGAGCCGTCCACTGTGCTCGCCGAAGAC
TTAAGCACCCCTGGACGCCGGACCTGAGATGCGCCTCTGGGCAATCGTTGCCCTCCGAAGTG
CGTCTGCTGCTGTCCACCAAGTGGAACGTGGTTCGCTGTACCAACTCCCCATCGTTGGT
TCTGAAGAGTTCGCCGAGTACCACAGCCAGCGCAAGCCCTCACCAACGCTTTCGCGGAC
CTCGCCACCGAAATCGTTCGGTGACGACCCCGCGCAGAACTCCCCCTCCACATCACCATG
TCGGTGATCGAAATGCGTTCGCAACGACGGCAAGATTCCAAGCCCGCTTTCGCGAGACAGC
CTCCCGGAGACCGCAATTATGCTTGGCGACGCCTCCCTCGCCGTCTCGGCGCGCCGCTG
CCCGCCGACCGGTTCGAAAAACGCTTGAACATAATCAAGCAGGCTGACGCGAAA

>naRXA02620-downstream
TAACCATCCGCGCTGCGAAATC

>naRXA02624

CAGGGCTACGACGACTCCGCCTCTGTTGTGGCCTTGATCGTCCTGAGCATTCTGTATCTG
CCCAACATGATGATCTTTGCGATGGGCAATCTGATCGGCTCACCCCTTTACTTCGGTGAC
GCCTCCATCAGCGTCTTCAGCGTGCATTCCGTTCATTGCCACCGCTTCCCATCCTCGCA
GCTCTCCCCAGCGAAGCCCTCTCATGGGCAGTGGCCTTACTGGTCATCCCTGCAATTATT
GCCACCTGGGTCTGCGTGAGAAACCCCATGCGCCTTGCCGTGAACACAACAGCAGCAGTC
ATTTTCAGCACTGTGTTTCTCGTCTTGGCAGTTTTCGCGGCGGAACCTTGGGCGTATAC
AACTACGTCGGACTCAACCTCCTGGCGTCAGTTGGCCTAGTTTTCTGTCTATTCGCCCTC
GTTGGACTCCTCATCGCCGGAATCGACAAGCTGCGCAACCCTGTAGAAGTTAAGTCTGTT
AAGGCTGTGGCTGTTGTGGAGCCCGAGCCTGAAGAAGTTGAAGAGGACGAAGAGGAGCAT
GTTGAAGAAGAAGTAGATGAGGAGGAAGAGGAAGTTGAGGAAGGGGTAGAAGAGGTCGAA
GAAGACGACGCAGAGGATCCTGAAGAGAATCCTGAAGAGGAAGAATCCGACGAAGAAATT
GAGACAGAACTGAGGCTGAAGAAACCAATGATGGTTCCGAGGCCGAAGACCGT

>naRXA02624-downstream
TAACATATCTGTTGTGAATTCTG

>naRXA02639-upstream

CGAAAATGTTGAAAATCGCCGAACGGGAACGTCGACAAGCAAAACGCGCGCAAAGGTGCG
CCAAGAAACGCACCACCTTTATAAGGAAAATCTTTAAAAA

>naRXA02639

ATGATTGCACTGGGTTTCAGCGCCCAAGCTGGTTGCCTCCGATGTTGATGGCACCCCTCATC
AATAGTTCTGAGCGCGTGCCGCAACGCCTGCGCGATGTGATCACGCGGATGACCAATCAG
GGCGTGACCTGGCGCTGTCCACGGGCCGCCGCGCTGGATTCAATTATGTCTGGAT
CAGCTGAGCGTGAAGCCGATTTGCGTCTGCGCGAATGGCGCGGTGCTGTACGATTCCGCT
GCCGATGAGATTCTTGCAGCTCAGACGCTTAGTCCGGAGGTTATGGCGAGTGCCGTCATG
GCTGCGCGTGCCGCTTTGGAAGAGCATGGCGGGGTGAGTATTGCTGTGCGAGCGCGTGGA
AAATCCGCTTACGATCCAGCCGATGAGCTGTTTTTGGTCACCCCGGAATACAGCCACGCG
TGGCCCTCAAATGATCACGGCACCTTCGAGGAAGCCGAAGTGCTTTCCGAACCAGCCACC
AAATTGTTGATGCGCAGCGATTACCTCGATTCCAAGCAGCTTTTTGATATCGTCCGCGCC
TCCGTTCCCGAGGATCAAGTCCACGTCACCTTCTCCATGTCCGGCGGACTCATTGAGATC
GCAGCGCCCGCGTGACCAAGGCACTGGGCGTATCGATGCTGGCAGAGCGCCTAAAGATT
GCGCAAAAGGACGTTATAACGTTTCGGCGACATGCCAACGATATTGAAATGCTCCAGTGG
GCCGCGCGGGGAGTGCGGATGGGCAACGCCGACGAGAGGTCAAAGCCGTGTCCAGACCAC
ATCACCCGCACCAACGACGACGCCGGTGTAGCAGATGTATTGGAGTGGTGGTTC

>naRXA02639-downstream
TAATAGGTGGTGTAAAAACACTG

>naRXA02647-upstream

ATCTTCTATCTTGTTCATAGTAAATCCGCATATTTATTGCCAGGAGAAAAGTTTGTGCT
TTTGCGTCGAAGTACTTTGACCCTTGTTACAGCAAGCGCT

>naRXA02647

GTGGCATTGTCCGTGTTCACTCCAGTTGCCAGGCTCAGTCCTCTGACGGACTGACAEAG
CTCTCAGACAACATCACCTCATCACAGATCCTTGATGATGATGGAAATCCAGTCGATGGA
AACGAAACCTGGCCAGGCAGCTCTGAAGGCAGCTCAATGCTCAGCAATGGCGACATTCTT
GCGGCCCCAAGCTTGAGCTCCTCCGGCAAAGACACCAGCGATGATGACGATGAAATCAGC
GAAGAGCAGCAAGCACTGATCGATCGGTTGTCCGAAATGCCAGTGATTGGTTCCATTGTC
TCCCCACCAGAATGGCTTGCCATTCTTTTGGCGTACTGCAGGGATTGCTCGCAATCACC
ACTCTTGCTTCCACCGCAGCATCCTTCATGGTGACCGTCGACCCATCGTTCAAGCAGACT
CTGCGTGACATGCTCACCCAGTTTGGCATCAACGTCGACGCT

>naRXA02647-downstream

TAAAAGCACACTGACATAAAATG

>naRXA02649-upstream

TTTTACACAGTTGCAGCAAAAATTTCGGCCATTCCGATTGCTTTTGACAGCTAAACTTTGC
ATTTGTTCTTTTGGCGCCGATGCCGATAGGTTTAAAGGC

>naRXA02649

GTGCTAAAACGATTCTCTCACTCCAGCCCGCAAGTTCTTTCACGGAAAGTTGTCGCG
TCCGATTAGCTTTAACAACCGCGCTGGCTTTAGCCGCGTGTAGTTCTTCAGCCGAGCCG
GACTCCCTGAAGTTGAGCAGGCGGTGGGTCTTGGCGTGGATACGCCACGTGTGGTGGTT
GTGGATCCAGGCACTGGCGATTTGCAGCGCTTGCAATACAAAGACATCGCCCCCTGATGCC
ACACAGGAACAGACCATCAATATTGCTGAAGTTTGGCCCAATCGGTGGTGAATGCGGAC
AGCGTGGATCCGAGGCACCGCCGGTGGCGATGTCAACCATTTCCACCTTCTGTATAA
GCCACCACCGAGGAAGCGGAGTTTCAGCGATCAGGAAATGGTGAGCGCGACTCGCGATATC
TCTCTACTTTTCGGTAAACCTACCTACACCGATCTTCCCAAGTTGAAGATGTGAATTCC
ACCGAGGGATTACGCTGGGAATCCGCGCAACAGATAGTGGACAGCACACCACCTTAAGT
TTCGCGAGCCCCCTGTGATTCCACTGAACTGGTTCGCATGCTCATGGAGCAATACTTACTC
ACGTTTACGTCCCTTCCCATTGTGTTCCCTCTGACGATATTGGCGTGGGCGCGAAGTGG
ACTGTGGATAGCCGTGTGACAGGCGAATCAACGCTGCTACAAACCGTGACCTACACGATC
ACAGGGATCGACGGCGACAAAGTAAACCTCGATGTGGAAGTCTCTCAGCGCCCCAGCATG
GGTTCGTTGGAGATACCGATGAAGAATCGGACGAGACCACCGGGCAGCTCACTGTCTT
AATTCCAACACCCTCCGTGGGCACCTTGAAGTCGATCTGACTCAGCCTTTACCCACG
TCAGGACAGGTTTCTTGGAACCTCGCGTGATTTACGGCGGTTCCAATGAGCAGGTGCGT
GTGGTGCAGGATTCCACCTCTTCGGTGAGCTTCGGAGACCAG

>naRXA02649-downstream

TAATTTACCAATTAGGGTTGCCA

>naRXA02652-upstream

CGCTTGATTCAACCACCCAGCAGATGGCCGATGGATGGAAATCGTCTCCCCATATCCAA
CTGATCTCCAACACGCTTTAGACGTTCTCCGCGAGCAATA

>naRXA02652

ATGGATGGTGTGATATAAGGGCGACGCATCGTCGCCCTCTAGCAATTCTCGCATTGGTT
GTCGTGGTTGCGATCTTGAGTTTCAGCGACCGCACCGCGAAACCCATGCAGCTCAACGGT
GACATGCTCGGCCAAGACAACACGGAACTTCCGTCGAGTACCGTCAGCGGGCATCGGAA
TCATTGGAAAATGCCGCGGTTCGGCGAAGAAGCCTATTACTGGTGACGTTACACAGCCG
CTTTTCGCTTCCGAGGCCTCTAACCTTCTTAAGGAGTCGGTTCGCGTCAATGCCATGGTT
ATGCTCTCGGCTCTGCCATGGATCTACCCGAACCCATCGCAGGCGAGACCCGTGAAGAT
GTTTTTAACCGTCAAATAAAGCTTGTGACGCGCCAGTTATCCGGTATCGGCAACGTCCGC
GCGCGGGCGAACTCAACGGGGTAGTGGTTTGGGATATTCCTCAGAAAGTTCTGTGTG
TCCGAGAGCTCGCTGGTTTATAGTGTCGAAACCTGCCACCTGACGCGGCGTGGGGCAGT
TTCGGTATTGACACGTCGATACTTCGGGTACTAATTTT

>naRXA02652-downstream
TAGAAGAAAATTCCAGATGCCCC

>naRXA02655-upstream
AATTCGATGGAGAAGAAAAAGTCATGGGGGTCAGGCTAGGAGAAAATGATCTCATGATGG-
CTTTGGAACGGTACCTCGCTCACGAGTTTGGTGAAATTAG

>naRXA02655
ATGAGTCCAGAGCCAAAGAAGCCCAAGATTCTAGGCGCAACGAGATGCCCCGAGAAAAAG
CGAGCGGTGCTACGTAAAGCGATTAAAGTTGGAATGGGCAACGATCGCATGGGTCTTTTT
TCGATCGTTTTGGTAGGTGTTGTCGCTGGTCAATCGCAGGCCATGCGTAGTGCATGGATT
GAAGACATGCTTTCTTTGGTACCACCTATCGCTTTTCTTTTAGCCTCCCGAATCAGCAAA
GCTGTGGCAACCAGAAAACATCCATACGGCAAGCACCGGTCGATTGCTATCGGGCACCAA
GCTGCAGCACTGGCCCTGCTTATCATGGGAAGCCTTTTAATTTATGAAGCGGTATCTGCA
CTGATCAAGGGAGAAAGGCCTCCGATAGGTTTAGCTATTTTATTTGGCCATGACGTGTGG
TCAGGTTGGTTAATGATCGGGGTTATGATTTTCAGTGTGATCCCGATGGTGATTGTAGGG
CGAGTAAAAATAAACTTAGCTAAAGATCTCCACGATAAACTCCTCTATGCAGACGCGGAT
ATGGCCAAGGCTGACTGGGGCACAGCAGTCGCTAGCACAGTAGGCGTGCTCGGAATAGGA
CTGGGTTTTTGGTGGGCGGATGCAGTTGCAGCTCTAGTAATATCAGCTTCAATTCTCAGA
GATGGCGTGATAAATATGAAAGCTGCTATATCTGACTTAGGTGATGGACGAGCCATGACT
TATGACAATTCCGCCCCCTACCCATTAAATGATGATGTGGAAGGCTGCCCTAGAGATG
CATTGGGTCAAACACGCCCGCGCTAGGATACGCGACCAAGGCCGCTGTTTCCACACAGAG
TTATTTGTGCGAACCAGTAGAAGGATACACACCTGCTCCGGAAGAAATAACTTCTCTAGTT
AAGCGAATCCAAAACCTTGACTGGAAGCTGCAAGATGTCGTAGCTTCCGTCGTCGAAAA
ATCGACCGGTTTCAGGCCCTTCG

>naRXA02655-downstream
TAAAACTTAAGTGAAGAAAGTGAT

>naRXA02662-upstream
CCAAGGTGTCACCTCACCGTTGCCATCGCCTTCATCATCGTCAATATCGCCGTGGACCT
GCTCTACGTCTGGTCAATCCACGTATTAGGAGCATCTAG

>naRXA02662
ATGCGCCGTAAACTAACCACCACATTAGAAAAACAAGCCCGGTGCACGACTTGGTGGCTTC
CGCGCACTTGACCAACTTCAAAAATCGCGCTGGTTTCTCTCTCTGATCTTCTCTCTC
GCGATCTTTGCCCCACTGATTGCTAAATACGATCCACTGGCCTCCGGAATCCAGTCCAG
CCTCCAAGCGGTGAGCACTGGTTTGGTACCAGGCCATCGGCCGCGATATTTCTCCCGC
GTAGCCACGGCGCCAGAGCCTCCC

>naRXA02662-downstream
TGATCATTTGGTCTTTTCGCTACG

>naRXA02665-upstream
CAAGGCGACCAATGGCGTTTAAAGTAACAACCCCCATTGATATGATGCTGGCACAACGC
ATCACCGACGAAGCCGAACCCACAATATTTGAGGTACCAG

>naRXA02665
GTGACTAACCCTAATCATCCCCCGGTAGGAATCGCCACAGACGCCACCAAATCGAAGCG
GGAAAACCTGCTGGATCGCCTGCCTCCTCTTTGAAGGCGTCGACGGCTGCGAAGGCCAC
TCCGACGGTGATGTTGTAGCTCATGCAATTGTGGATGCTCTCCTTTCTGCCTCTGGTCTG
GGGGATTTGGGCTCTTTCGTTGGTGTGGGGAGACCTGAATACGATGGTGTTTCTGGTACA
CAGTTGTTGAAGGAAGTTCCGGGAGCTGCTTTCGGCACACGGGTACGTCATTGGAAATGTC
GCCGCCCACTGGTTGGCCAAACCCCCAAATTTGGACCCCGCCGGAAGAAGCACAACAA
GTCATCTCCGAAATCATCGGCGCACCATGCTCACTGTCTGCCACCACCACTGATCACATG
GGATTCACTGGTCGACGAGGGTCGTGCATCGGTAGCAACGGCAGTGGTGTGGAAGGCT

>naRXA02665-downstream
TAAGTTTTCTGTAGGGATTGGGC

>naRXA02670-upstream
CCGTTTAAATCAACCGACTGTGTGAATGCGCTTAAACGGACTAGGGTTGTGAGCAGCATAT
CCAGATTTTTCTGGATAAATCCTGGAATTTCTTAAAAA

>naRXA02670
ATGGAGGACGAATCCGTGAAGTCCCTGAACTTGGCTGCCCCGTGCTGGCGCGCTCGTGACC
GTGGCTGCTGCGTCAGCTCTTGGCTTGCATCCTGCAGTGCCGGACAGATCAGCCAGACC
TCAAGCCAGGTTGAGCAGTTGATGGCAACCAGGAGGCTCCGCGAACGACCCAGTTCTG
GTGCGTGATGTAACCGTGACCTCACACCTTCTCACACCTTGAAGTCCGTACCGTTGACGGCGAA
ATCAACCAGGACCTCTCACACTTCTCACACCTTGAAGTCCGTACCGTTGACGGCGAA
GAGGTTGAGCTTGAATGATGAGAGCCAATCGAGCGCAACTGCTCCCTCGTTGAGCAGCATC
CAGTCCGAACCTGGATCTGATCGAGGAGCCAGAAGTTGGCTGCATCCAGCACGTAGCAACT
TCTCTGGAGAACCAGGTTTTCGCATACGGCGGAGTCGTGCCAGTTGAGTTCTCTTCGAC
ACCGGTGCGATCACCATCGATGCCACCGTTTCCGCACCTGTCCTCGAGTCAGGCGTAGAA
AACC

>naRXA02670-downstream
TAAGCCTCTCAAAGCTGCTTGAA

>naRXA02672-upstream
AGCAGTCATCCCCGAGGCTCAGGCATCAAACAAACAAGCCTGAGAGTCATCGAAGCTTC
AACACTTGCCGAAGCACTTGCAGCAGTAAGCTTATAAAGC

>naRXA02672
ATGACACCAACAACCACTCCTGTATCAAACCCAGATGCCCTTTCCACTGGAATCAGGAT
GTGCACACCCTCAAAGGAACGTTGCAGCGCCTCGCCCCAGGCACACCCTTCGCGATGGC
TTAGACCGCATCGTCCGAGGACACACCGGCGGTTAATCGTCATTGGTGATGATGAAAAC
GTCTCTCGATCTGCGACGGCGGCTTTGAATTCGACGTTTCGTTTGTGCAACCCGACTC
CGCGAGCTGTGCAAGATGGATGGCGCTGTCATCTTGTCTTCCGACCTTGAGCGTATCAAA
CGCGCCAATGTTAGCTGCTGCCTTACCAACCTGGCCAACCCAGGAGTCCGGCACCCGC
CACCGTTCTGCAGAACGCACCGCGCTTACACCGGTGTGCCAGTGATTGCGGTATCCGAA
TCACAAAACACCATCACTCTCTACGTCGAGGGCAAAATCCACATGTTGGAGCAGCCAGCT
GCCCTGCTTAACCGGCCAACCAAGCTTTGGGAACAATGGAGCGCTACCGCGATCGTCTC
GATCAGGTCAATAACCGCCTTACCTGGCTGAACTCCACAGCTATGTCACCGTGATTGAT
GTTGTTTCTGTCACTCAGCGCGAGGAAATGCTGCGCCGAGTGAGTGAATCATTGATGGC
GATGTTCTTGAATAGGCAAGACGCCAAGGAGATTCAGATCCAGCTCAGCGAATTACGT
GGCGATAATGACCGAGAACGTGAATCAATCATTGCTGATTACCTTGTACCGACGGTATT
CCTGCAGATGAGGAAATCCACGACGCCCTCGAAGCGATCTCACATTTAGATGATAAGGCT
CTGCTGAATCCTGCGAACATCGCGCGTGTCTTGGACTGCCACCGACCGAGGAAGCACTT
GATGAGCCAGTCACTCCTCGCGGCTACCGCACGCTCAACAGAATTCCTCGAGTGCAAAAA
TTCTCATGGATAAACTCATCGTGGAATTCGGCAACTTGGATGCACTGCTCAATGCGTCA
GTAGAGGATCTAAGTGCAGTCGATGGTGTGGGCTCACTGTGGGCACGCCACATCACCGAC
GGACTTGGCCGTTTAAAGT

>naRXA02672-downstream
TAGGTTAAAGGTCACCGCTGGTG

>naRXA02673-upstream
ACGCCCCAAACGCTAATCCGCTGAACAGGCCGATGAAAGTAATAGAGTGTTCTGTGTGGG
AACGCCGAGACATAATGAAGTCATTTACAAGCGCCGCCGC

>naRXA02673
ATGGCAGCGCTCCTAGTTCTGCTCGTCGTGATTGCCTTGATTATCTGGGCAGTCGTCGCG
CTTCGAGGTGGATCATCGGAGCCTGAGGAAGAGCAGCCAAATAATGCTGTAGTGACCTCC
TCAATGGAATCTTCCGCGACGTCTAGTTCTTCTTAAAGAATCCACGACTGAAGCCACC

ACAGAAGAAGAGACTTCCAGTGCTGAACCAACCGCAACATCCTCCGTTGCAGCAGATGCA
 AAAAAGACCTGTGAGCTTAGTGACTTGGTGATTTCGCAAGCACTAATCAGCCGACTTTC
 TCAGGTTCTGCGCAGCCAGAATTATTTATGGCTGTGCATAATCCGACTGCTGTTGATTGC
 GAAATTGACCTCGAGGAGAAACAACTCCGTTTCGAGGTATACAATCTCGCGACCAACGCA
 CGAATCTGGTCTGATGTGACTGCAACCTGCAAGTGAAGACGGCAGGCGGTGTTCCCT
 GCCGCGAGGATCGCTACTTCCAGGCAACATGGTCTCGTACCACTTCAGCGCCAAACCAG
 TGCAACAACCGCACTGATGTGTCGCGCGGTGGCTACTACTTGCACACTGTGGTCCGGTAAT
 AACCTTCACCAGCGGTGACCTTTAACCTAACT

>naRXA02673-downstream
 TAAACGGCCAAGTCCGTCGGTGA

>naRXA02678-upstream
 CTGTGGGCGCGCAACAGGGCGTCGACATGCTCGCCACCAATTATCCGGACCGTGCGGCG
 GAGCTTTTGAACGCACATCCCAAGCCCGCCATGTACGCTA

>naRXA02678
 ATGCGCATGGCAAAGAAGACTAAGAAGAATGAACAGCTGCCGGAGGGCATGAGCCGTCGT
 CAGGCAAACTTGCAGCCCGCGCGGCTGAACGTGCAGCACTTGAGCGTGAACCTCGCCCA
 TTCGAGGGCCTGGCAATGGAGTCACAGCTCGTTGCACTGCAGGAATTCATTCCATCTGCA
 ACCGCACCCATCACCGTTGCAGGCACCGATCGCAAGATCACCTCTGTACCGTGCTTCCA
 GCGCAGCTGCCGCACTTGTCCGCGAAGAAGCATTCGGCGGCGAAGCGTTTGTGCAATG
 CAGCAGGCCATCCGCTCCAACAACCCAAGCAAGGACCTCGCGTTCGCGCTGAACTGGGTC
 ATCAACGCAAAAGCCGCGAGTCACTGGCCACCGCCACAGCGGACGGCACCCAGCCAGAG
 CTAAAGAGCTTGCTTAACGACGCCGACACCTCGAAATCAACACTCACCGAGACTTCAAC
 TGGTGGCTGGCGGAAAACGACAACCTCTCCCCAGAAGTTGCGCAGCACATGCAGGCAGCC
 AATGACTCCATCTGCTTACACGAAGTCGAAGCAGACGTCCCAGGCGCTGTTTGGTGG
 GTCAACCCAGGCGGAAAAGCGCACATCCGTTGGGTCCGCACCGAAAACGAAACCGCACTG
 TTCAACGCTTTGGCAGCATCGCAGCACGTGGCGAGCTGAATCTCGGCGAAGAACTAAG
 TTCGCTGGTGCTTCCCGACCCACGGCATCGTCTCGTCCCAGTGTGGGATCTCGATCCTGAG
 CGTCCATCCACCGATTACGCCGATGTTTGGTTGCACTCAACGAGAAGATCGTCGCTGAA
 CTGGATAACGATGCACAGCTCAACGCCGACGAGCGCCGTCAGCTGGAGAACATCAAGTCC
 CGCCAGGTGACCATCCGC

>naRXA02678-downstream
 TAAAATCTCTTAAAAACACTTCA

>naRXA02679-upstream
 CACCATTACCACAGGGCCGCCGCCATCATTCCGCTGGCTGCTTCCTGAGTTACGGAGT
 TAGCGTAGTCATTGGTTGGGTGCGGTTAGATGGTGTGAAT

>naRXA02679
 GTGGCCCCATCCAGCGGTGATGACACCGTCGATGTCGGCACCTGCAGAACCTTGCTGGTT
 AGCGAACTCAATGTAGACCTTTGGGCCACTGATCTGGAAGTAGATGCCGTCGCCGGTGGA
 GGTGTGCTACTCGGTGGCGCCGACAGTTGATGTAGGTGTCATCCAGGGTTTCGCGGAT
 GGCATCGAGTTCACTTTCGGTGGTTTCTCATCGGCGAGGCCAACCCAGTTTGCGATGAC
 ATCGATGAGCAATTCTTTTGTCTCATCGGTGAGGTCAGAGCCTTTCAAGCCGGTGCCGGT
 TGGGTAGTCGCACGTGCTGCCCCGGTGCGCACACCATGGAATCCAACCTTTCACCCTGGTA
 GAGCTGTGCTTGCTGCTCTTCGGCGAGGCTGTCGTAGAAGGCGAAGGCGGTTTCGTACAT
 GTTGCT

>naRXA02679-downstream
 TAGTGCTGCAACGGTTTCGCCGT

>naRXA02680-upstream
 AATACCAGGTCAACACACAGGAACCGTTTCAGAAACCTTCCAGATTGCTCACTTTTAA
 TTTCACTTTTTTGAGAAGTTTTACTTTTATATTAGTTCTC

>naRXA02680

ATGCGCCTCAACAAACGACTCCCAGCGGCACTCTCCGGACTGCTGCTCTCTGCTGCCCTT
CTTGCCGGATGCTCCACTTCTGGAACCGCCGAGACCACGACAACAACCGTTTCATCTGCT
GCGGCATCAACAACCACTTCCACCTCCTCTGCTTCGTCTTCTCTTCTCTCTCTCTCTCT
TCCTCTTCTCCGACTCAAGCACCAACCGCGAAACCATCTCCAACACCGCGGAAGTGCC
CAAGCTTTCTTGTCCACCCTGTCCACCGAAGAACAAGACGCCGTACTCTACGACTACGAC
GCCGAAGAAAAGTCCACCGGTGGTCTAACTTCCCAGTCACCTTCGTGCAGCGTTCCGGG
GTGAACCTCACCGACCTCACTGAGGAACAGCAAGCAGCTGCCCTCAACGTGCTGAAGAAC
CTGCTCAACGACGACGCCTACCAATGATCGAAGACATCATGGCTAGCGATCAGTACCTC
AACGACGAAAGCAACACCACCGAGGATTCCCTCGGCCAGTACTACATCGCATTCTTCGGC
GATCCAAGCAGCGACTCCGACTGGTCCATCCAATTTCGGCGGACACCACATCGGCATCAAC
ACCACCTTCTCCGACGGTGCCATCACCTTCGCCCCAACCCACCTTGGCACCCAGCCTTCC
GAGTGGACCAACGAGGACGGCGAAACCGTTGCAGCACTAAGCAACATGTACGAAACCGCC
TTGCGCTTCTACGACAGCCTCGCCGAAGAGCAGCAAGCACAGCTCTACCAGGGTGAAGAG
TTGGATTCCATGGTGTGCGCACCGGGCAGCAGTGCAGTACCCAACCGGCACCGGCTTG
AAAGGCTCTGACCTCACCGATGAGCAAAAAGAATTGCTCATCGATGTATCGCAAACCTGG
GTTGGCCTCGCCGATGAGGAAACCACCGAAACTGAACTCGATGCCATCCGCGAAACCTG
GATGACACCTACATCAACTGGTCCGGCGCCACCGAGTACGACACCTCCACCGCGGACGGC
ATCTACTTCCAGATCAGTGGCCCAAGGTCTACATTGAGTTGCTAACCAGCAAGGTTCT
GCAGGTGCCGACATCGACGGTGTATCACCGCTGGATGGGGCCACATTACACCATCTAC
CGCGACCCAACCAATGACTACGCTAACTCCGTAACCTCAGGAAGCAGCCAGCGGAATGATG
GGCGGCGGCCCTGGTGGTAATGGTGGCGAGATGCCTAGCGGTGACATGCCTACTGGTGAG
ATGCCTTCTGGCGCTCCATCAAAC

>naRXA02680-downstream
TAACGCCATTTAAGAGGCCGAAC

>naRXA02681-upstream

CGAGGCTGTCTGAGAAGGCGAAGGCGGTTTCGTACATGTTGCTTAGTGCTGCAACGGTTT
CGCCGTCTCTGTTGGTCCACTCGGAAGGCTGGGTGCCAAG

>naRXA02681

GTGGGTTGGGGCGAAGGTGATGGCACCGTCGGAGAAGGTGGTGGTGGATGCCGATGTGGTG
TCCGCCGAATTGGATGGACAGTCGGAGTCGCTGCTTGGATCGCCGAAGAATGCGATGTA
GTACTGGCCGAGGGAATCCTCGGTGGTGGTGGTTCGTGCTTGGAGTACTGATCGCTAGC
CATGATGTCTTCGATCATTTGGTAGGCGTCGTGTTGAGCAGGTTCTTCAGCACGTTGAG
GGCAGCTGCTTGTGTTCCCTCAGTGAGGTCGGTGAGGTTTACGCCGGAACGCTGCACGAA
GGTGAATGGGAAGTTAGACCAGCCGGTGGACTTTTCTTCGGCGTCGTAGTCGTAGAGTAC
GGCGTCTTGTCTTCGGTGGACAGGGTGGACAAGAAAGCTTGGGCAGCTTCCGCGGTGTT
GGAGATGGTTTCGGCGGTGGTGCT

>naRXA02681-downstream
TGAGTCGGAGGAAGAGGAGGAAG

>naRXA02683-upstream

GACGGTTTCTTCTGTCATGACGGAACTCCTACTTATACCTCTTCATCTAGGTCGGTGGA
ATCTACCGCGGGACGATCGCTGCCTCGGAGGAAGCCACG

>naRXA02683

ATGACGCTACTGGAGAATAGTTTCGGGGGATCCGGGATCTGATTCTGGGGGTGCACGCTAT
AGCCTCAATTCGCTCAAAGTTTCTGAGCAGGCCGCGGCTAACGCCGTCTTAAAGGCCGTG
CTTAACGACGTCTCTACCAAGAGTTTCGACAGCTCCTCCTACTTAGAAATCACAGGAACG
CCCTCCGCCGACGGAACATGGGGCATCTCATTTCGGCGACCTTCCGAATCGGCCTCCGTG
GAATTCTCCGACGGCAGCATCAGCTTCTCCCTGTTGACATGACAGTGCCCGCAACACGA
TTGCCTCAGATGGGCGCATTTTATGAAACCCTGACCGAAGAACAATTAGGCATGCTGGAG
ACTGGCCTCGCGGTTTCCACCGTGGATTTCGAGCCAACAGGAAATGCTTCTGGACTTGGTC
TCCAACCTCGATCGGCCTGGCAGATACTGAAACCACTGCGACTGCAATTAGTAAATCCGA
GCAACGCTTTCGAGACCTACCTGTTTCGGAACCCCGACGGATTAACCTTGGCGCTTAGT
GGCCACACGTTGATTTCAAGTCTCCACCAAGGCGAGCACCGCGAAAATTACTTACCGC

GATCCAAGCACCGACACCTTAACCGCCGAAGATCGGGTAGATACCGCAAGTGTGGCTGCT
GCTCCGCCGAGGTTGTT

>naRXA02683-downstream
TAGGCGTTTGCCGAGAAATTTTC

>naRXA02685-upstream
TAGCAGCATTTGTGGAAGAGCTGTGGCATGAGTAGTTCAGTAATGTCACCGCGTCGAAT
AAAGGCGGAAATACTTATCGTTTTAGCCATCACCTTTGGC

>naRXA02685
ATGAGCGGCCTGCGATCAATCCTGCGCCTCATCGACGATCTCCTCGCACCGGTTGCGCTC
AACGACCAGCAAGTTGCATGAATGCCTCAATGGCAAACCTCCGCATGGCTGGATCTCACC
TTGCAATTGTGTTCCGCCGGAGTGCTGTTTTCTGGGGAGCACTAGCGATCTACCTGCTA
GGTGAACGTTTTTCAGTGGAATTAACCCAAAGACTGGGCATGGGGTGCAGGCCTTGACGA
CTCATTGGTATTCCAGGGTTAATCTTCTACGCCAGTGCTGTTCAATTTGGGGCTGTCCAA
CAGGTTGTGCCACACGTTGGAACCTGGTGGGAAATCCAGTACTTCTTATCTGGTCA
GCTGCCAACGCCTTTGGTGAAGAGATCGTGGTAGTCATGTGGTTTTTCACCAGGCTGCGC
CAGCTGAAGTGGAGTGTGCCTGCAGTTATCGTGACATCTTCAGTACTACGCGGTTCTTAT
CACCTCTACCAGGGAATCTCTGCAGGCTTGGGCAACATCATATGGGAGTAGCGTTTCGCG
TACTTCTATCACCGCACGGGCAAAATCTGGCCACTGGTAATCGCTCACTTCTTGATTGAT
GCGGTGGCTTTTGTGGGCTACTCCGCAATTGGCGGGAATTTAAGTTGGTTAGGGCTT

>naRXA02685-downstream
TAAACTGAAGTTCTATTTTATT

>naRXA02688-upstream
GTGCGGAAGACAGCACGCCCCAAACCGACCAACTAGCTAAGCTACACAAGGCGGACGAAT
GGGTTTCGCGCAGCAAGCGAAGGAAGGAACTTAAGTACGCT

>naRXA02688
ATGGCCGGCCGGATTATTTTGTACGACACGGGCAGACTCACAACAACGTCAAACACCTC
CTGGACACCCGCCACCAGGAGCTGAATCACCAGCCTGGGCCGTAAACAAGCCCTTGAA
GTTGGCCACGAAGTACCCACCTACTCCGGTGAGCGCCTCGCCCATGTGTACAGCTCCATC
GTGTTGCGCGCCCAACAACCGCCGTGCTTGCCACCTCTACCTTTGAAAAAGCTCGCGAC
ATGCAGTCCGGTGCGATTCCACTCGACGTTGTGGAAGGCATTGAGGAAATCAACGTCGGC
GACTTTGAAATGCGCGGCGATGAAGAAGCCACATGAATTACTCCCGCGCACTCAACGGC
TGGCTTCACGGGGATCCTGCCGCTGGTCTTCCCGCGGTTGAGACCTACAAAGACGTGCTG
AACCGCTACCGAGCGACTCTTGATCGAATCATGGACAGCCACGACCTTGACGACGACCGC
GACGTTGCCGTTGTGACGCCACGGCGCCGTCATCCGCATCGTGGCAACACACGCAACTGGT
GTGGATCCCAACTTTGCGTTCAACACCTACCTGGGCAACTGCCGCTTCGTGGTGCTGGAG
CCAAACGGTAAGAAATTCAGCCAATGGGATGTTGTGCGCTGGACTGACAGCCCACTGCCA
TGGCAGGAG

>naRXA02688-downstream
TAATTGAGACCAAGGCTCGGAT

>naRXA02689-upstream
GTGAAGTTCCCCACCTCAGCCAGAGCGCGATCCGCTCCGTGACACTGCAGGAACGACAG
CATCCGCGGAGGTCGGAGTACCTGTAGAGGAGAACGCTCC

>naRXA02689
ATGATTGAAGTCAGCGACGAACGCTTCGAGGAACTGGTCAACTAGCCTTCGACCAAGTT
CCCCAGCAATTCTGGATCATATGCGCAACGTGGTTTTACTCATTGAGGATTTCAACCA
GATTCGCCTTATATCTTGGGTTTATACCACGGCGTTGCTCTCACAGAGCGCACATTCAAC
CACGGTGGCCTGCCGATTCCATCACCATTATATAAGGTGCGTTGCAAAATTACTGCAAT
TCAGAGGAACAACCTAGTGGAGCAGGTGCGGGTGACCGTGCTGCATGAGATTGGGCATTAT
TTTGGCCTCGGCGAAGAGGACCTGCACAGGCTCGGATACGCC

>naRXA02689-downstream
TAAAACGCCTCATTAGGTGCACA

>naRXA02690-upstream
TTTCCTTGTACCGAACCGACCGATATTCTTTAAAAACATTGGTTAGACGCTCCGAAGATC
TCTGACGTGAACCCATTTTGGTGGCATGATGGTGTCAATT

>naRXA02690
ATGAGTACAACTTTGACACTTCGACGTCTCCAGAGGGTGAAACCAAGAAGAACTCTTCT
TTCCGCACTGCGGCTCTGTGCAGACCATGCTTGTTCAGCTTTGGCAGCAACGGCTGCT
GTTGGCGTGTACTCCTACAACACGGACAATTACAGCAAACGGCGGCGAATCCCCACAGGA
CCTGAGCAAAGTACAGTGTCCACCACGCAACTATTGCCTCATTTACCACTGCTGACGTG
GGCCAATGTGCAACCTGGGATGTTAACAATGAAGGTCTAGTGTCTGGTTTGAACAAACC
AGCTGCGATCAAGAGCACCGCTTTGAAATTTCTGCTCGGGAAAACCTGGCAACTTACCCA
AGTTCGGAATTCGGTCCGGACGCAGCTCCACCAAACCTCACCCGTCAGGCGCAGCTGCGT
GAAGAGCTCTGCCAATCTCCTACCTTGGCGTATTTGAATAACCGTTTCGATCCATCGGGG
CGCTACACCATCGCCCCGATCCTGCCACCTGCGGAAGCGTGGGCTGCGGGAGATCGCACC
ATGCTCTGTGGACTTCAGGCAACCGACGCTTCAGGCACTCCACAACCTCACCGTCGGACCG
ATAGCAGCCATGACCAGGCACGCGTTTTTGAACCGGCGCCTGCGTGAAGGTGGAATCC
TCCGCAGAGTTCCGCCAAGTTGATTGCACGGAAGATCACCACTCGAATCAATTTTGACA
GTCAACCTTGGTGTCCCCTTCCCACAGGGCGCGCCAGCAGGATGAGCAGAACAATTTT
CTCGAAACACCTGCACCCAAGCATCCATTGATTACCTAGGCTCCGAAGAAAACGTCTAC
CAATCCACCTGCGAGACCTTCTGGCCAACGATTACCTCCAACCTCCTGGTTGGGCGGTTCA
CACAGCGTGAAGTCTTCTCATGTACCATCCACCGAGGGTGCTGCAACATTTAACACC
CTCAACGGTTCAGCGACTGGCACATTACCATCAACGGTGAAGTTCCCCACCTCAGCCA
GAGCGGATCCGCTCCGTGACACTGCAGGAACGACAGCATCCGCGGAGGTTCGAGTACCT
GTAGAGGAGAACGCTCCA

>naRXA02690-downstream
TGATTGAAGTCAGCGACGAACGC

>naRXA02693-upstream
CAGACCAAGTGTTATTTTTGTTGAAAAATCACATTGTAAATCGAGCAAAACCAACCTAT
GCCCTGCAGAATTGTGCATGCTCTGCCAAGATGACTCAAT

>naRXA02693
ATGGTTTCGCTCCCCAGACTAGCGTCTCTGCTCACCACTCGCCTGGCAACGCTTAAACCC
GCACATAAACCTGCCACCCACCTCGCCTCCCTCGGCGCGCAGGTCATTGCAGAGCTAGTT
CCGGGGATCCGAATGTGCGCAAACCGCAGGCGAATCCTCCCTGCAAATATGGGCGCTGGC
TTTATCGGAGCGGAAATCGCAATGTGGTGGGCTCTCTCGCCGTCAATTGTTGCCGAAACCG
TGGTGGGTTACGGCTGCTAACCTGGCTGTTTTACAAGCGGTGGGGCATGCGGCAGCGACG
GGAATCCACTCGATCCTCCCCAGAACCAACCGGCGGGTATCCAGGAAAATTTACAACGCC
ACCCACATCGCAACTGGTGCCATCACGTTGACCACCACGGTTGTGGGATTGATCAGGCAT
CGCACCCAAATCCGGCTGATTGGGCAGAAGAATTTGGACCGAAGGAGACGATCGCGGGC
ATTAGTGTGCGCACCTTGGGGTACGGCGCGCTGCTGATCACCGGCGAATTAACCCAGCAC
AGTATTAATGAGGTCAAGCTCCTAATTGAGAGTTTTTACCGCCGTGGATAAGTTTCATC
GCAGCGGTTTCGGTCATTACATTGACCACCTTGACCTTGGCCGATCGCGTTTTGTTGCGG
CGCATCTTGCAATAATTCTGCAATTCAAGCAGCGCACCTTAATCGCATGGTGTCCCAGGA
ACTGAGCAGCCGTGGGAGCCGGAGCGTTCGGGTAGCCCGTGGTTCGTATGAAAAATGGGGT
GCGGTGGGTTTCGAGGGCCGTGCAGTGTGTGCGGAGGGCCACGCAAAGATGACATCATC
ACGGTAACAGGCTTTCTGACACGGAAACACATGAACCGATTCTGATTTTTATCGGTATG
GTTCCGGGACGATCCTTAAGCGATCAGGTGGATCTGTGTCATTGATGAAATGCGCCGCACG
GGAGCCCTGCGCCGCGACCATCGTGATCAACAATTCCACGGGCACCGGCTGGATCACC
GATTGGTCCGCCCACACCTTTGAGTTCCCTACCGGCGGAACTGCGTGACAATTTCCATG
CAATATTCTTATCTTCCAGTGCAGTGGTACAAGGACAACGACGGCCCCATTAAT
GCGGCGAGAATGCTTATCGACGCCGTCTCCACGAGCTAGACCAGCTTCCACCGGGAGT
CGCCCCAAGCTGTTCCCTCGCGGGAGAGTCACTGGGGCGGTATGGGTTGGCTGAGGTGTGG
GGAGACGTGCAAAAGCTTCTTGAACCGCTGACGGCGTGTGCTCAGTGGGGCGCCGCT

TTTTCGGACGCCATGAATGCGTTGCGCACCCGGCGCGATGCGAGCAGCTCCGAGCGGCTG
 CCCGTGATTGATAGCGGGCGGCACATCCGTTTTCGGGGCGAGCCTGAGCACCTTGATATG
 CCGGCTACCTGGCAGTTTCCGCGCATGATCGTGGCGCAGCACGCCTCTGATCCAATTGTG
 TGGTGAACCGGAGCTGTTTATTTCGGCGGCCGAATGGTTGAAAACCTCCAAGCAAGAC
 CACCAAGATGTCTTAACCGCTTGCATGGATGCCGTTTGTGTCGGCTGGCAGGTGGCT
 TTGGATTTGTTCACTTCAACCTCCGTT

>naRXA02696-upstream

NGCTTNAAGAAATAAAGCCCTNCCCAGTTAANGGTGNGNATGGGTACCAGCCCTGTGGAC
 GCTGTACATNTAAGTCATTNCTGGTTNAGGTGANCTGCC

>naRXA02696

ATGTCCATGCTCAAGAAGACTAAAGAATTCTTCGGACTCGCTCCATACGAAGCGGAGCAC
 GAGGATGCTTACTATGCAGATGAACCACGTTACGAGGGCACCGCTGCGTACGCACCTGAA
 TACCGTGAGCGTGACTACGGCTATGCACCAGAGGCACCAGCCCTGTTGCTCCATCGCCA
 GCACCTCGCTCTTACCAGTCCACCATCGTTCCAGTAGAGCTTCATTCCCTTTGAAGACGCT
 CAGGTTATTGGTGGAGCATTTCGCGACGGCGACGCAGTTGTTTTCGACATGAGCTTGCTT
 TCCCGTGAGGAAGCACGCCGCTTGTGGACTTCGCTGCAGGCCTGTGCTTCGATTGCGT
 GGCAAGATGCAGAAGATTGACAGCGTCACCTTCGCTGTGCTTCCAGAGCTGTCCAACATC
 AGCACTTCGAGCTCGAGCGCGCCGCACGCATCCGC

>naRXA02696-downstream

TAAACACACCCCTCGTGGTGTGGA

>naRXA02697

CCTTTTGTGGTGTGGATCGGCATGCATCATTTTCGAGGATTCTTAGCCACCAAAAAGGGC
 AAAGACTCCCCTACCCTTAAGCAACAGGTCCCCGCGTTCTTTGCCACTGGAGCTGCAGGT
 GTTGCTGTCACTGGTGTGTTGTGTCAGTGCGATCACTTGGGCGTCTGGCGCTTCGTGGGGC
 TGGATCAGTGAGATCAGTGGCAACAGCAAGGTAATCAACCCGCTGGCTTCCCTTCTTTG
 GTGGCCAGTGTGATACCATGGTGGCTGAAGTGTTCGTTGACGATTTGACTACAACGCA
 GTGGTTAATGTTGTGCGCTCAATCTCCATGCTGATCATGCTTGGCGGGTGGTGTATGT
 TGGTGGCTGTTCCGCCAGAACGAACGCAGGGCGGTCACTGGTACAGCGGGCGCTTATGCC
 GTGGCTTTTGTGTTCAATTCTGTGACCTTGCCGTGGTACTACGCCAGCTTGATCTCTTTG
 CTCGGCACATTTAAACCACCGATGTGGTTGATTGCTTCGCGAGCGGGTGTTCGGTGT
 ATCGCGCTGATGTTTACCGGAAGTGGAACCACAGCTGTACAACATCGTTACGGTGATC
 ATCGCAGCAATTATCGCGTGGCTTGCCACCGTGGTGATCTTTGATGACACTGACCCTGCA
 ACAACGGCCACGGAGAAACCTCCCCGCATACCGTTTCC

>naRXA02697-downstream

TAGTTGCATAAGGTAAACCGCCA

>naRXA02700-upstream

TGACAACTGATGCGGACGACAACGATCGAATTTATAGTCAAACCCCTCGTGACGCAGCG
 AAGTCTCGGTAGGGGAGAGTTACAGTAAGGGCGTTTTA

>naRXA02700

GTGGTTCCCTCGTTGCAGCAATGGCGAAAACCTGCTCTCATCCTGGCCATTTTGACGGTG
 CTAGGCGTACTCCTGACCCATTGGTTTCGCTGGCCACTCACCTGGCCGCTGGGGCTGCGT
 CTTCCCGTTGATGTAGAGGTGTAAGTGGCAGGGTGCAGCGAGTTTTGGCTCGCCGATGAT
 CTCTACGACATCAGGTATGACACCACTTTCGACAACCTGCGGTTACCTATCCCCCTTTC
 GGTGCGTTGGTGTTCACCCATTGTGGTGGATTGATGACCTCTTTGGTCTTCTCGTCACC
 GAACGTGTCTTCGCGCTAATCACGCTGCTCACCACCTACGCTGTGGCAGTTTTCTGCTC
 CGCCTGGCCGGCGTGCAGCATCGTGTGTGGGAATTCGTCGCATTTCGAGCCCTGCTCGTG
 TCCGCGCCGGTGTATTTCACTCAATATTGGGCAAATAAACGTCATGCTCATGGCTTTA
 ACGCTTTTCGACGTCGCCCTCCCCCGCAGCACGCGCCATTACGGCGTGTCAAATACGTG
 CCATCGGCGTACTACCGGCATTGCGGCTGCGATCAAATAACCCACTAGTGTTCGGG
 CTGTATTTCTCATCCTGTGGGTGCTGACTAAATCACACGCGGACTGTTTGAATGATT
 GGTGGCTTCTCGGGGCATCCGGGCTTGCAATTATTTCCGACCATCCATTAGCATCCAA

TATTTACCGACGTGCTGTTTACCGCAGAACGCATCGGCGACCTCCACTTCGCACGCAAT
GTCTCCATCCGTGCGGTTTTTGAACGACTCCCCGAACTTGGTTCCGCAGCATCTATCATG
TGGCTTGTGTGCTGTGGCGCTAGTGATCATCGCAGTCGCAGTTGCTGCTTACCGAATCCTG
CGGACGGATCTCTCCGCGCACAAATCGTCTGCTGGCTGTTTCCCTCGTGTGCTCGTTGCA
CTGTTGTGCTCCCCCGTCAGTTGGTACCACCACTGGGTGTGGCTTGGTCCGTAAATCGTC
GCTCTCTGGCTAACTCAACACCGCTGGCTGGCTCTATGGGGCGCAATTCGCCGTGACATTC
GGATCATTCACAAATTTCTACCCTCAGAAAAACAATATGGAGCTCACCTGGCCGTGGTG
ATGCATGTCTCGCAGCACATTATTTGATCTTCTCCGAGTGGTTACTGCCGTATTTAGT
TGTGGGAAAATGCCCCAAAAACAGAGCTTTCCAC

>naRXA02700-downstream
TAATCGATCAGGAGTATCACATC

>naRXA02701-upstream
CCCACTAATCGATCAGGAGTATCACATCTCCATGATTTAAGATTAAACTTTGTCTAAAC
ACGAACGGTGTTCATGTTTAAGAAAAGGACTCCTGGTT

>naRXA02701
TTGACGAACCCCCAGACAGCACATGCTGCCGCTCTGACTCCGCATCCCAGAAGGAGGCT
CCTAATCCTTCACTCTCCATCACTGTAGGTATTAAAGATCTGCTGGGGCTGCTTTTCACTT
CTTGGCATTGCAGCGGGGCTGATAGCCAACAAGATTCTCATCGAACGCTACAACCTGGCGC
ATCGATGCCGAGTTTACCGCGAAGGCGCGTTAGCGCTGGTCAACGGGGAATCACTGTAC
GCGCAGCCGTTTGATATGGGTGATATTTCACTACCCTTTATCTACCCACCGATTGGTGCC
ATCCTGTTTGCCTTGGGGGTACTTTGATTTCATCACAGTTGAACCTGCGGGAAACCTT
GTTGTATAGGCTCATCCCTGCTGTTATTACTGTGCCTGTATCTGTACCAACGCTGTT
CTTAGCGGTCGAGACAAGCTGTTGGCCTTCACCATCGCTGCGATTTCCTGGCCGATCGCT
CTCTTTGCAGAGCCAGTGTGTTTGAACGCTGACTTGGGCCAAATCAACATTTTGATCATG
GCTTTGGTTGTATGGACCTGCTTCCGATTAAGCGCAGAATCCCCGAGGTGTCTGATT
GGCCTTGCAGCCGCCATCAAAATCACTCCGCTGGCCATGCTGTTGTATTTCTGGTGAAG
AAGGATTTCCGCGGAATCATCAATGCGGTGATCTCACTACTTGCCTTCACTGCTATCGGT
GCTGTGCTCGCATGGGAAAACACCAAGAGTTCTCTCTCAACCCTTCTCAACTTAAGT
GCTGAAGGCGATTTCAGGCGTAGACACCAGTTCCAATCCAACAGCTCGATTTCAGGCCATG
CTGTATCGCTGGTGGACCTCAAAGGCAGATGCCGAAGCATCCTCACTGCCACCATCTTG
TGGATCGTACTGTCCCTGATTGCTGTGGCGGCCGTTGCCTACCTAATGCACCAACTCTTC
TCCAGAGGATTGCACGTTGAGGCAGTCATGGTTAACGCCATGCTCATGCTACTTATCTCC
CCCATCTCATGGTCTCACCCTGGGTGTGGCTACCGCTGTGGGCTGTGGTGTCTTCGTT
CGATACCGCCAGCACCGCTCTCACCCGAAGTTCTGTTGTGGAGCGGAGTTATCTTGAGC
GTCATGCTGCTGATGCTGCCACCAAAATGGTGGTTTGGCCGCGATGGCGTCAACGCTTTC
GAACTGAATTTCTGGGAGAACTACTCATCTCTGACTGGACGTGGCTCTCCATCGGGCTC
ATGATCACCTTGGGTCTTGGGCTGAAAGCATTTCCTCAAAATATCCAA

>naRXA02701-downstream
TAGATAAAGGTGTGG

>naRXA02712-upstream
CTGAAACGGCTTCGGAAGCTGAAATTGAAGAAAACCCACGTGCCGCACCTGTGAAGGTGC
GCGCAATCGAAAGAATCGGCAACAACCTCAGGAGACCTCTC

>naRXA02712
ATGACCATGACAAATGGCTCCCGCACAGAGTCGGGAAAGATTTCGCGATCGACGTGTGCT
GACGCTGATCCACGGTATGGCCGTCGCGTCTCGGTGAGTAGGGATTCTCCACAGCGGAA
GCTTCGGGGAGGGGCGCGTCGATAAGCACGCAACCTCGTCGTGACATGGCGCCGAAAGG
CGCCACACAACCCGGGCCCTAGTGAACCTGGCGTGCAACCAACGCGTAAGCGTTTGATG
CAGCACAAGCTGGGCTCTCAGCAGGTTATGTCGGTGGTGGTGGTGGTGGTGGTGGTGGT
CGTGCTGATCCTAAGGTGATCCAGCTGTCTGTGCTGGTGGTGGTGGTGGTGGTGGTGGT
GTTGGCGCGACCATGGGTCTGTCCGGAACGTCTACACAGCAGACTTTCAGTTGCAGGAA
CTTCAGGCAACTGAAACGGATTTGAGCAATCGCATGAGTCGCTCAACCGAGATGTGGAA
GATGCTCGCTCAGCAGCAACCTTGGCAGCGAATGCTACGGAGATGGGCTTGGTATCCCCA
GTGGAACCTGGCGTGTCTCGCAGTGCAGGAAACGGTGATGTTGTGGAGGAGCGCGAAGCA

AATCCAGAGACACGCCCTATAGTTGACATCAATGGACAACAGACCCGACCAAATCGGGCA
TCAAGCAACCCCTGACGAGACTAACGCAGTGACTGAAAACCTCCAGGCGATTCCACAAGAA
GCAGCAGCTCCGCCGTATCAGACCAACACTGTTCCCTATGCTGCAACCACCGACAAGCA
GGTGGCGCAGGGCAG

>naRXA02712-downstream
TGACTTTCCCCAGCAATGGCAGA

>naRXA02714-upstream
CGCGGTGGTCTTGTCATGAGAGGCCACTACGCACCCTCAGAGACAACTGAATGGTTGGTT
CTGTTTATGCCACTGAGTTGCTGGGAAGGGGACTTCAAGG

>naRXA02714
ATGTTTCCTTGGTACCTATACCCCGAAACTCGATGACAAAGGCAGGCTGACTCTTCCAGCA
AAGTTCCGTGAGGACCTTGCGGGGGGATTGATGGTCACTAAAGGTCAAGACCACAGTCTC
GCGGTTTATCCGAAGGAAGAATTTGCAGCAAGGGCTCGCAAGGCAGCTGCAGTTTCTAGG
ACAAACCCCTGAGGCTCGTGCCTTTATCCGAAACCTTGACAGCAAGCGCGGATGAACAACGA
CCCGACGGCCAGGGGCGCATCACCTTTTCGGCAGCGCACCGCACATATGCGGGGCTGACA
AAAGAGTGTGCTTATCGGTTTCGGTGGATTTTCTGGAGATTTGGGACGCTCAAGCCTGG
GCCGCGTATCAGGAAGAGACGGAGGCTGCCTTCTCAGCAGCTGAAGATGACGTCCTTGG
GGATTGCTC

>naRXA02714-downstream
TGATAGTTGGGCAATGCTTCGAA

>naRXA02715-upstream
GTTTTTGTGCTTATTTGGCATAACGGGGAACATTCTGGATATTCTGGGCGTTAATAAGGCA
TAGAAGAAAAATGTCTCTACTAACCACCGGGAGGACATC

>naRXA02715
GTGTCGCTTTTCAGAGCAGGAGCAACGCGCACTGCGCGAAATTGAGCAAGCGCTCATGGCA
GATGATCCGAAATTTGGAAAAGCGGTTGCAAGTAACAATGGCCTAGCAGGCGGTGGGTTT
ACCCCTTCGGGGAATCGCACTTTTCGTACTCGGACTTGTCCTTCTTGTGCGGCGTCGCA
TTAAGCCAGCAACATTGTGGTTTCGTTGCGCTCGGAATTATCGGATTCTTAGTCATGTTT
GGATCGGGAGTGTGGATGCTGCGCGGGGGCGGCTCCAACAAAATCTCCGTCACATCCCGC
ACTTCCAATGCGAAGAAATCGCCAACAGGGCAATTCCACCATTGGGGACAAAATGGAAGAA
AACTTCCGTCGACGATTCGAGGGCAATAAG

>naRXA02715-downstream
TAAGAAGTAAGTGAATAAGTCTT

>naRXA02719-upstream
TTTGGCTCACCTCGATGATGTAGACATCCCCGATGAGGTGCGCGCACAGTTGCGGGCACT
GGCTATCCGCTCAACCGAACGTTCGGATGTAGTAGACGCGT

>naRXA02719
ATGACACTTTTCAACGTTTAACCAACCCCTGTAGTGCTCGGCGGCTAGCAGGTGTTTTG
CTTCTGCTCGGCTCTTTTCGGTGGCGGTGCCATTTCGGTACCGTGGCGGAGTGCTCGATGCG
TTGGGGCTTAACCTTCCTTGCTTTTGGCCACGCGCAGGGTATTTCCAATACCGTGTGTGG
GTTGGGCAGCTGCTGCTGATTGGCGCGTGGGTTACCTTGGACGTCGGTTGTTCAAGAAA
AAAGTCGCTGATGACACCGCAGACGCTGCTGACTTAGGTCTTGTAAGCGCACGTTGTAT
GCCATGGTGGTGGCCCTCATTTTTGCGGCACCAATGATGTCGCGTGATGTTTATTCCTAT
CTCATGAGGGCGCGATGCTGCGTGATGGCTTCGATCCCTACACTGAGGGCGCTGCGGTA
AACCTTGGCCCCATGTTGCTTGAGGTCTCTCATGATTGGCGCAACACCACGACGCCGTAT
GGTCCACTACACCTGTGGATTGGAGACATGATCACACGGTTGTGGGCGATAATGTCACC
TTGGGCGTCGTCGTTACAAGATCTTGTGATCATTGGCCTTGCTGTGACAGGCTGGAGC
ATTGTCCGCATTGCACAACATTTTGGAGCCAACCCAGCAATTGCATTG

>naRXA02720-upstream

CCACGCTGCACCATCGAAGACGAAGATCTGTTTTCTTACCGCCGGAAGGCACGACAGGC
CGCCAGGCCGCGTGGTGTGGCTGCCAAAGGAGGCATAAA

>naRXA02720

TTGGAGCGCCGGAAGAGCTGCAGGTACGACTGCAGCAGGTGCAAGCGGTATCGACGCG
ACCCCTCAACGAACACAACCGCCCCGAGGGCAGTGACGTCTGTTGCCGGTCACCAAATTC
CACCCCGTGGAAGACATCAAGATCTTACAAGAGTTTGGTGTACCGCAGTGGGAGAGAAC
CGCGAACAAAGACACGCGCCAAAGCACTCGAACTTCCCGACATGGACTTTCATATGATT
GGCCAAATCCAATCAAAGAAAGCCAACTCGATCGCCAGGTGGGCAGCTGCAGTGCACCTCC
GTTGATAGCGAGAAAATCGCCGAAGCATTTGGGCAGGGGAGTAGCCCTTGCAATTGGATAGA
GGCGACCGCACCAGTGACGAGCTTCCGTGTTTTATTCAACTGAGTTTGGATGGTGACCCG
AGCCGAGGTGGAATCCATTGAGCCAGGTACACAACTTGCCGATTGCATCAGTGACACC
ACACATCTGCGTTTTGAGGGCCTCATGTGCGTCCACCGCTTGGTTGGGGCCCTGAAAAA
GCTTTTTCCAGGCAAGAGACGTACTTTCAGGTTTAGAGGAACACTTTGACAGGTCTTTG
GAATTTTCGGCAGGTATGTCTGGAGAC

>naRXA02721-upstream

CCGTGATGATCGTCTGTGACGATCGCCGCGATGACCGCGGAGACGACCTGGATGTACCCAG
CTTCCTCCAGTAATTAAGAAGGAGAATAGACTTATCCACT

>naRXA02721

ATGGATAGTCTTGACCCCCGCAACCGCCCCGTCCGCAAGGTCTTCACGACCCGTGCCGGC
GGGGTTTCGAGTCCCGTATGCTTCTTCAACCTTGGTGATCACGTCGGCGACGATCCT
CAAGCTGTGGCATCCAACCGCAATCGCTTGGTGACATCATCGGTTTGTCCCAGACAAG
GTGGTGTACATGAGCAAAATTCATTCCAATACCGTCACAGTCATTGATGAAGCCCCAGCG
GATGGCCAGGCTGTAGAGGCCACCGATGCGCTAGTGACCACGCAACGAGGGCTAGCGCTG
GCCGTTTTGGTTGCTGATTGCGTGCCAGTGCTGCTGTCAGACACCGACGCTGGCGTGATT
GCGGCAGTGATGCAGGCCGCGATGGGAGCCCGCAATGGCATCGTAGCTAAAACCATTGCG
AAGATGGAGGAGCTCGGCGCGAAACCCAGCCGCAATTCATGCGCTCATGGGTGCAGCGCA
TCGGGTGCGAACTACGAGGTCCCAGAGGCCATGGCGCGGATGTGGAAGCCAACTTCCA
GGTTCCATTGCGCGTACGACAAAAGGCACCACAGGACTGGACATCCGCGCAGGGCTGCTG
CGTCAAATGCTCAGCCTGGGTGTGCAAATGATTGATTCTGATCCACGCTGCACCATCGAA
GACGAAGATCTGTTTTCTTACCGCCGCGAAGGCACGACAGGCCGCCAGGCCGCGTGGTG
TGGCTGCCAAAGGAGGCA

>naRXA02721-downstream

TAAATTGGAGCGCCGGAAGAGC

>naRXA02725-upstream

GAAAGCCCGCTGCACATCGGTGTGGCGGGTTTTCTCATGCCAGATATTGACCTTGTAC
TGTGTCAAGGCATTGAATAAGTGCCATGAACATAAGTGCC

>naRXA02725

ATGGACAACCTCGAACATTCAAATGCATCTATCCGTTTACAAGCAGCGTTGGCCGAGGA
ACTGCTGAGGACACCACTGCGATCGATATTCTTTGTACCGCAGTGGGGTAGAAGAAGAC
TTCTTTGTGCGGACATGATAACGTGGGCGCTACCCGCGATGCCAGTTGATGACGTGTTT
ACCTCACTGGTCGCTGATTTGGATTCTGAGGTACCTGATCGACCATTCGGTGCAAGTCAA
GCACTCCACACACTCTCCAAGTTAAGGGTCGCGCAGTCGTGGCAGGAATTGCAAGCACGG
CCTTGGCTTTTGCACCGGGAGGACACCGCCCAAACCTGCGTGGCGAACCTTTGTGGGACTG
GTCCAGATGATCAGACCGCATGGTTGGCGCACCAATTGCTCCAAGAATTGGATAAAGGA
ACGCCTGAAATTCAGCGGAGTTTAAAGTCGGGCGATGGCGGAATTGGAGGGGAGGGAGGCG
TCGATAAGCGTGCTTCTAGGCGCTTTAACGAGCGCGCACGCGGTGGCCACCGCCAAGCTC
ATTGCGGATCCGGACTCCGATTTTCATGGCTGATCTGGAGGAAGCGCGGCGCGTGGATAAT
ATGGGTGCATGC

>naRXA02725-downstream

TGATCGGTGAGGTGTCCAAGCTC

>naRXA02727-upstream

GATCAGTTCCTAGATCTCGTTGAGGACGCCCTCGTTCAGTTCCAAGAGGAAAACGAAGAC
CTAAGCAGCAGGTCTGAAGAGCTAGAGGCGCAGGTTGCCG

>naRXA02727

GTGGTCCTTCTCCGCTGCTAGTTCTCAACTGCAGGTGCAGCCACAGTTGCAGCTTCCA
AGTCTGTTGACGAGGCAGCGCTGCGCAAGGAAATCAAAGAGAAGCTGCGCTCCGAATACG
GCATCCAAGCTCGATGATGCCTCCAAGGCCGCTCAGAAGGCTCAAAACGATGCGAAGTCC
GCTCAAGATCAGCTACAGCGTGCACAAGCTGACGCAAAGGCAGCTCGCGACGAAGCTGAA
AAGGCCAAGGCTGAAGCTAAGTCAGCAGCATCCTCCAGCACCCTAAGGCAGCAGCGGT
GGCGCTGTGCGCGCTGGCACCGGAGCAGCAGTTGCTACAGGTGCTGCAAATGTGGACACC
CACATGCAGGCAGCGAAGGTTCTGGGACTCGCACAGGAAATGGCAGACCGCCTGACCTCA
GAGGCTCGTCCGAATCCAAGTCCATGCTGGACGAGGCTCGCGAAGCAGCAGAGAAGCAG
ATCGAGGAAGCAAACAGCACCTCCAACCGCACTCTGGAAGATGCTCGCGCAAACGCTGAG
AAGCAGATCGTGAAGCGCAGAACCGCGCTGACACTCTGGTCAACGAAGCTGACGCTAAG
GCTAAGAACCTGGTTTCCGAAGCCGAGAAGAAGTCCGCAGCCACCCTGGCCGCATCCACC
TCTCGTGCAGAAGCTCAGATCCGTCAAGCCGAGGACAAGGCAAACGCCCTCCAGGCAGAC
GCAGAGCGCAAGCACCCGAAACCATGGCTGCAGTCAAGGAACAGCAGAATGCTCTGGAG
ACCCGCATCGCGGAAGTGCAGACCTTCGAGCGTGAGTACCGCACCCGCTGGAAGTCCCTC
CTCGAGGGCCAGCTGGAAGAACTCCACGCACGTGGCTCCTCTGCACCAACCAACAACAG
CCATCTGGTGAG

>naRXA02727-downstream

TAAAAGAAAGATTAGTTATCTT

>naRXA02734-upstream

AATCCTATCCCTAAAAAGTTTCTAACAAAAGTATTGCACTTACTTTTTGATAGTGCTATC
TTCAGTTGTGTACTTGAAACACACACGAATGGAGCAAGAA

>naRXA02734

ATGCGTATTGCAAGTAACTGGAGCAACGGGATCTTTGGGTGGACATGTTGTGGATAGTCTT
CTAAACAAGGGCGTCGCAGCATCAGACATCGTTGCCATTGTTGAAATGAAGAAAAGGCA
GCAGACCTCAAAGCCCGTGGAATCGCTCTTGGTGTGGCTACTTTTGAAGACGAAACGGCA
CTGACTGCAGCTCTGAAGGTGTGGATCGCCTTGTGTTTATCTCTGGCAGCGAAGTGGGG
CAGCGCGTTGCGCAACACACCAATGTCATCAATGCCGCTAAAGCAACTGGCGTGACATTC
ATTGCATACACCAGCTTGCTCAACCTTGGTCTCAAAGCTTGCACTTGCTCCAGAGCACA
TTGCAACCGGAAAAGCTCCTGGCA

>naRXA02735-upstream

GAGGAGCTTCGCCACATGGATCCAGATTGGGGCTACCAGCACGCACTATCCGGCTTGTC
AGCGTCAAGCTGGAAACCGTCTAAGGAGAAATACAACACT

>naRXA02735

ATGGTTGATGTAGTACGCGCACGCGATACTGAAGATTTGGTTGCACAGGCTGCCTCCAAA
TTCATTGAGGTTGTTGAAGCAGCAACTGCCAATAATGGCACCGCACAGGTAGTGCTCACC
GGTGGTGGCGCCGGCATCAAGTTGCTGGAAAAGCTCAGCGTTGATGCGGCTGACCTTGCC
TGGGATCGCATTCATGTGTTCTTCGGCGATGAGCGCAATGTCCCTGTGAGTATTCTGAG
TCCAATGAGGGCCAGGCTCGTGAGGCACTGTTGTCCAAGGTTTCTATCCCTGAAGCCAAC
ATTCACGGATATGGTCTCGGCGACGTAGATCTTGCAAGGCGAGCCCGCGCTTACGAAGCT
GTGTTGGATGAATTCGCACCAAACGGCTTTGATCTTCACTGCTCGGCATGGGTGGCGAA
GGCCATATCAACTCCCTGTTCCCTCACACCGATGCAGTCAAGGAATCCTCCGCAAAGGTC
ATCGCGGTGTTTGTATCCCTAAGCCTCCTTCAGAGCGTGCAACTCTAACCCTTCCTGCG
GTTCACTCCGCAAAGCGCGTGTGGTTGCTGGTTTCTGGTGCAGGAGAAGGCTGAGGCAGCT
GCGGCGATCGTCAACGGTGAGCCTGCTGTTGAGTGGCTGCTGCTGGAGCTACCGGATCT
GAGGAAACGGTATTGTTCTTGGCTGATGATGCTGCAGGAAATCTC

>naRXA02735-downstream

TAGCAGCGCCAGCTTAACAAG

>naRXA02736-upstream
 CAGAGGATTACCCAGCGGGTACGTGGGGTCCAAAGAGCGCTGATGAAATGCTTTCCCGCA
 ACGGTCACACCTGGCGCAGGCCATAATTTAGGGGCAAAA

>naRXA02736
 ATGATCTTTGAACTTCCGGATACCACCACCCAGCAAATTTCCAAGACCCTAACTCGACTG
 CGTGAATCGGGCACCCAGGTACACACCGGCCGAGTGCTCACCCCTCATCGTGGTCACTGAC
 TCCGAAAGCGATGTCGCTGCAGTTACCGAGTCCACCAATGAAGCCTCGCGCGAGCACCCA
 TCTCGCGTGATCATTTTGGTGGTTGGCGATAAACTGCAGAAAACAAAGTTGACGCAGAA
 GTCCGTATCGGTGGCGACGCTGGTGCTTCCGAGATGATCATCATGCATCTCAACGGACCT
 GTCGCTGACAAAGTCCAGTATGTCGTCACACCACTGTTGCTTCCTGACACCCCATCGTT
 GCTTGGTGGCCAGGTGAATCACCAAGAATCCTTCCCAGGACCCAATTGGACGCATCGCA
 CAACGACGCATCACTGATGCTTTGTACGACCGTGATGACGCACTAGAAGATCGTGTTGAG
 AACTATCACCCAGGTGATACCGAATGACGTGGGCGCGCCTTACCCAGTGGCGGGGACTT
 GTTGCCCTCCTCATTGGATCACCCACCACACAGCGAAATCACTTCCGTGAGGCTGACCGGT
 GCAAGCGGCAGTACCTCGGTGGATTGGCTGCAGGCTGGTTGGCGCGGAGGCTGAAAGTG
 CCTGTGATCCGCGAGGTGACAGATGCTCCACCGTGCCAACCGATGAGTTTGGTACTCCA
 CTGCTGGCTATCCAGCGCCTGGAGATCGTTCCGACCACCGGCTCGATCATCATCACCATC
 TATGACGCTCATACCTTCAGGTAGAGATGCCGGAATCCGGCAATGCCCCATCGCTGGTG
 GCTATTGGTTCGTCGAAGTGAGTCCGACTGCTTGTCTGAGGAGCTTCGCCACATGGATCCA
 GATTTGGGCTACCAGCACGCACTATCCGGCTTGTCCAGCGTCAAGCTGGAAACCGTC

>naRXA02736-downstream
 TAAGGAGAAATACAACACTATGG

>naRXA02744-upstream
 GCCAAAACGTCATGATTCGCTCTTTGGATACGGGACACCGCTCATTGGAAGATGTCTTCC
 TGGACATCACCGGAAAAGAACTGAGGAGTTAACGCACACC

>naRXA02744
 ATGTCTAAACCTTTTGAAAACCTCTGCGCTCCGCGGTTCTTCTCGATTCCCAGCTGGAACG
 TTCACCCCTGCTCCCAAACGAGCCACCCCGGCAAAAATGTTGGCTGCTCAGGGCAAGATG
 GAATCCCTGCTGTTTCTTCGCCACGGCGAACAGCAACTGCTCAGCATCATCATTCCTTG
 GTCGCGCTCATCGCACTAGCGAATTTTGATTTTCATCCCTGGTGAGAATCCCTCGACAAG
 ACTTTCCCTTCGCGCTGGCCACAGCAGCCATGAGCGCTGGTTTTACAGGTCAAGCCATC
 AGCCTAGCTTTTGACCGCCGCTATGGTGCCCTCAAGCGCACCGGCGCCAGCGGTGTTCCC
 GCCTGGACGATTATTTTGGCAAAGTCATCGCAGTCATTGCAGTCACCATTTGTGCAGATC
 ATCTTTCTCGGTGACTGCACTGCTGTTGGGCTGGTCCGCACCTGTCGGTGGTGCTC
 TTTGGCATCGTGACCTATTTGTGGGTGTTTCCAGCTTCACCGCGCTCGGCATGCTGATG
 GGCGGAACGTTGTCTCCGAATTGGTATTGGCACTGGCTAACTTGATTGGATTGTAAGT
 TCCGGCCTTGACGATGGGCGGTCTTTTCCCTTCCGTCAACGCTGAAGGAGTGTGTCC
 ATCATCCCATCCGTTGCGCTGTCCCAAGGTATGGTTGACGCATTCAACGGCGAACTCCG
 TGGCTCCAGCTAGGAATTTTGGTGGGCTGGCTAATTATCACCGGCGTGGCCGAAACAAG
 CTATTTAACTTCTCTGCGAGCCGC

>naRXA02744-downstream
 TAGATATACCCTTAGTCGGAATA

>naRXA02751-upstream
 GGTGTCTTCTGTCAAATAACCACTGTTTATAGGGCAATTCTTTGGCAATGTACCCAAC
 CATTACCCACCTGCTGATTCAAAGAGTAGATTTAAATAGT

>naRXA02751
 GTGCTTCCGATTGCCTCCGGTAACGATGACCGGAATTTAATCCGTTATGTCGACGGTGGT
 CGATTTGATGAAATCATGCTCACCGGAGACCTCACTGGCCTGAGCAGTTTCTTACCAAC
 GCTGGCCCCGAACGCCGGGATGATTTTGATCTCACGGTGCTCATGCGCGCTGCCGAGGCA
 GGCAACCTCATGGTTGTTGCCCGCTTGTAGATTTAGGTGCCAATCCCCGACTCACCAT

CCTCGTGGTGTACGGCCCTACATATCGCAGCGATCGCCGGGGACGATGGCATTGTGGAA
TGCCTCATTGATGCAGGCGCTGAAGTCGATGCTGTAGATGATCAAGGTCGCACTCCCCTA
TGGAACGCAGCGGCTCATCATCTGCCTGATTCTGCGGTGGTGGATGTGCTGCTTCGCGCA
GGTGCGAATGTGAATCTGCGCGATTGCAATGGAGTCAGCCCAGAAGACATGCTG

>naRXA02751-downstream
TAGAAGCATTCCTTTAGGAGGATT

>naRXA02753-upstream
AACTCAATATTAAAGTCGCGTAATTAGTGTTATATTAATTACGCGACTTTAATAGTTTTTC
GAATACGTAGATTCTCGAAATACAGCAGAAAGCAGGGGTT

>naRXA02753
ATGCTCGATTTCATGAAAAATCGCTTCACCAAAGCGAAAGGTTCTCATGGAGTGGGGGAG
GGGGCTGTTTCTGGCGATGCAGCAGTAAAGCCACTGCGCAAAGAAGAACGACTCGCCTCA
GTCATTTCAGGAAACCGAACCAGGTGCTGCAGTCGAGGTCATGCGTCGCAATGACGCATTC
GCTTTGCCAGGTGAGACCGGTTGGGTAGTCATGCTGTTGCCAACTCACGATTCACAATTC
GGTGGGCTCAACGCTAAGGAAAAGAACCGCGAGGATAAAGGCACGATCATCAACCTGGTG
GTCAACGATGATATTTCATTCCGTTGTCACTCCAGAACTTCTTGACAGCGATGTGCTTGGT
GTCATTCTGATGCAGATTCTTTTCGATCGCATGGATGAGTTTGATTTACTGCGTAACAAA
GCACGCTGGCACTACGGAGTGGCTGCAATTGAACCTGACACGGGTGAGCTGGTGGTGTTC
AAGGTGCCCCGAAAAATAGCGCTTCGGCAGCGGTCGACATTTTTTCCGAGGTGCGCGAT
GTGCTTAGCGGTGCTGCTGACCTCGAAGACGTGGTTGATTTTGAGGTCATGCCACCTTC
CTAGAGGTGCTGAATGAGACCTCTGAGGTGGATATTGATGACGAAGATGGCGACGTGCTT
TATGGTCTTGAGGTGTCAATGCAGCGGGAGTTATCACGGATGACCTCATTGCGGAGAAG
CTTGATGTGGATTCTATCCGAGCAGTGCAGAGATCATTGACAATATTGTGCATGTGTTTC
ACCAAGTTGCAGGGCAAGCATCATGTGGCACCACAGCCGGTGCTTCACAGCGCAGACGTA
GTGGATGTTGATGCACAGGAGTCCCATGACACAGTGGTTATTGAGAGCCCTGATGATGTC
GCACTAGCAGAACAGGTGGATGTACCGGATTTCACTGATGGATTTGGTATTGACGATGCC
GAGGTTACTGAGCCAGAGGATGAGGAGGTTGTCGAAGCAACAGCTGATGCAGATCCTTTT
GGTGTATGTAGCAGAAGACGATCCTTTCCGCGAGTATGATGAACAGATTTTGGTGCATCC
GATGTTGTTGCTGCACCGGCACCTGTAGCCGGCATGTCCGATGAGCAGATCCAGGCGCTG
ATTCTGTTGTTGCTGTGAGTCCGTGCAAGCAAAGACTGGTTCAGAACTTAATGCTTTGCGA
GAAGAACTTGACAAGCACTGGCTTACAATCCGGTTCAGGATTCACAGGCAGCATTGGCA
CAGGTGCACGCAGCTGATGCCCCGAGCTTTGATGCCGATCAAGTGGGTGATGCTGTCACC
AAACGTTATGTTAATGACGACTTGGGGCTGTATGTCGATGAGGCAAACCTCAATAATGCT
TTGACCAGGGCACCCTTCCAGGTGGCGATGCCGCAATTCCAGGAGACTACACCGTGGTTA
GGTGATCAGCTTCGTACATTGGTGGCTGTGTTAATGGTCAGCTGCTTGATCAGCATCAG
CGTGACTACGAAGAAGTGCAGCGCATGTACATTGCGCTTAATGATCGCTCTAATCTTGAG
ATCGCTCGTGATCTTGAGCTGGATAATAAGGATTCCGAATTCTACGAGGTTTACCGTGCC
ATTGAGCGTGACCGCATGTTATGGCTGGTGATCAACAGCGTGTGGAGTCAGAGCGTCGT
CAGCAATTGCAGCAGGAGTATGAGGCGAACCGTGAAGAATATGTCATGGCAAAGATCGCG
GAGCAGCGCTGGAGTATGATCGCCGTATATGCCTCGCCATACCGCATCACTAGAAGCG
GTAGGTTCGAGAGCTGACGAGCCTGCGGGATCGCACCATTGAGGATTACACCGCACGCATG
AACACGCTGCGTCGTGCACGTGCTGGTGAACGGGCTAACGCTGCAGAATCTCGCATTATT
GACGAATTGCGCCGATTGTGGAGCGCCAGGCAGAACTGCAACGAGCAGCTTTCGATGGT
TTCATTGTTGATCTTGACAAGTTTATTGCTGATCACCGCGAAGATGACCTGCGTTTGGCA
TCGGTGAATGAGCAGAAGCTTGCTGCAGATAATCGTGTGGCACAGTTGACCAAGGAAGCC
GAAGAGCGCATCGAGGATATCCGCGTCGAGACCGATAAGATGATCGCTCCAGCGCAAG
GCACCTGAGCGTCAGGAAGCGGAATTTCGAGCAGAGCTTAAGCGTCGCGACACTATTGTC
GCTGCATCGGAGGAACGTGCTGAGCGGGAAATTACCACAGCACGTCTTGATGCTGAGGCG
GCGCTCAAGCGCATGGAAGAGCAAATTCGTGTAAATAATGAGGCGCATGAGGCGGAGATT
GTTATTGAGCGCATCGAGCCACCAAGCAGAGGCGAACTCCATGACGTTTGTGAGTCA
GTCAAGCAGCAGGATCGCAGCAACAACATCATTTTGATTGCCGTCCTCATTGTGGGGCTG
ATTGCCGGCATGGTCGCTGGCGCAGCCTTCTTC

>naRXA02753-downstream
TAAAAGATCGTTGCGCGGGCTGT

>naRXA02756-upstream
CGTGACGGTTGTTGCAATTCCATAACTAAACGAGCTTTGATTAAACAAGTCCTTGTATTGT
GTAAATCGCTTATTGCACACAATTGAAAAAGGACATTGTT

>naRXA02756
ATGACAAGCCCTTATGGATCCCAATACCCAGGCGACGACAACAATAATTGGAACCTCCCAG
TTCGGCAACCCTTCCGGCGAGCAGAATAACGGTCAGCCCTACGGTGCGCCATATGGACAG
CCTTACGGGCAGCCATTTGATCAAGGATTCAACGCCCTACAGTTCTCCCATCCCACCTGAG
GTCCACAGCCTTCCATGCAGGAGGCTCAGTGGCGCTCCTTTGACCTTGGAACCTGTTTTT
GGTCAGGCATGGAAGGGCTTTACCGCAACGTGGCAGGCATGGGTGCTGTCTGACTGATC
TACTTCGCGGTGTTGCTGTGTGCTGATGTTTGCCTGGATCCTCCCGATGGTTAGTGTGCTC
GCAGCGACCTCATCTGGTTCTGATTCCGCAGCTATTGCAGCGACGGGTGGCACCAGCTTC
TTCGGGTTTCATGCTGATGATCGTCTGGCATTTCATCAGTTTTGTGTACTCCCTTAAGTGC
TACCGCAACGCGGCTCGAGTTGTGCGCGGTGAGCAGATCACCATTACAGTTTCTTCAAG
ATGAAGGTCTTGGTAAGGCGCTCGGTATTTACATCTTGATCAATATCGTCATCTTCATC
GGAATGATCTTGGTCTCATTCCTGGAATTATCGCTGCCGTGGTGCTGATCTTTGCTGTT
CCTGTGGCATTCCAGCTGCGCGACGCTCGATCGGTGATGCGTTTTCCGCAAGCTGGAAG
GCAGTGTCAAAAACGTGGTCAGGTATTCTCTTAGAACTGGCTATCTTCGCGTTGAGC
TTCTTGGGCAGCGCAGTGATCATCGGTATGTTGGTGACCACTCCGCTTACATTCTGCTG
TATGCCTACGCATTCCAGACCGCCAGCGGTGGTCCCATCATGCAGCGTCAG

>naRXA02756-downstream
TAGCAGTTAGTTTTACTTAGTCA

>naRXA02757-upstream
TTCGGATCCTTCGACCGTTCAGGCAATGCAGATCGCGTTGCACATTCCGAAACAGAATCC
GCCCCGGCGGACAGATGTGTTGGAAGCGGCGGAGGAGT

>naRXA02757
GTGGTCAAGCTTTGCCTCGACGAACGAGTATCCACCGATCCTGATTTTCGGGCGGCCTTG
GAACGTTGGTACGGACACTTGATTTCGGAAGGTGTCACGTCGCGCTCGTAATGCGGCGTGG
GATCGGGTGCAAGATTTACCGGCGTGACTGTGGAAGATGATGCTGCAAAGGTTTCGGGCA
TTTTTGGCCAGCGCAGTGGTGATGTGCCTGCAGATATCAAAAAGCTGCAGATTTCCGGT
ACGGAATTGCCTCTCGATGAGCCGAATCCGATCAACGATGAATACCCCGTTATCTACATT
GATGAATCGTTGAAGATGACGCTGGGAAAGGCCGCTGCGCAGGTAGGACACGCATCCATG
TTGCTTGCCGCGCACCAACCGTTTGAGTGGGTGGAGCAGTGGGAAGCAGCGGATTTTGCG
CTGCACGTACGGGAGATTCCCTCGGAGGAGTTCCTGCGCCTTATCGAGTCTCTGGTGCT
GTTCCAGTTTCGCGATGGCGGCTTTACTGAGGTTGCCCCAACACCGTGACGGTTGTTGCA
ATTCCA

>naRXA02757-downstream
TAACTAAACGAGCTTTGATTAAAC

>naRXA02765-upstream
TCTGAACCTTTCCGCATCGACCCAGATGAGGTTTACCCCGACGACGACCCACCTGCGAA
TTCAACCCATGGCCGTATCCTCGCGGATTTTAGGAGATAA

>naRXA02765
ATGTCTAATCAATTACCCGATCAGCTCCGCGACGCCTTCCAAGTAGGTGCGGGACCTGCC
GAACAACCTCGGTCAAGCTTGGGACTTCGGATTCCGCGTCGGCAACACTGTGTCGCCAAA
GTGACGGCGCCGGAAGTGTGCGGCTGGTCTCGAAAACCCGGAACCCGAAACCAGAA
GGCGTGCGCTCGTACGACCGATCCGCTCCACCGACGGCCGATTTGTGGTTGCGGGGTGG
CGCGCATCGGTGTTCTCTACGGGAACGATCAGCAAGCGAGTCGATGAGACGGTCGTTGCG
GGTCTTCGTTTGGCAGATGCATTAGTGGATACGCATGCACCGGAACCTGTGGACAATGTG
TTTAACCGTGCTGATGTGCAGGCCTGGGAAGAGCAGCCCGGTGGAATCGGTGAATTGTTG
GAGCCGATTAATCGCGTGAACAGGTTGGTTCATGCGGATATGTTGGCGACAACGCTGTAT
GCGGGAACCTCAGCCACCTGCAGTGACGGATTTGGTGCCAGTGCTGCGTCCGCATGGTTTC
ACTGCGGCATTGGTGATCGTTGATGGGTTGCTGCTGGGTGCGGTTGATGAGGGAATTCTG
CGGAGGTTTTCGCATTTGCCGGAATTGAGCAGCTGGTTTTGAGGGCATTTTTGTTCCTG

CGAAACTTGCAGGAGTTCTCTGAGAACAACGATCCGAATGTTATTTTGAACCTAAACAGG
GTGGAATCGACACTCGTGTCTGATGTTTCTGACAAGATT

>naRXA02765-downstream
TGAGGTATGTCGGAATACAAACC

>naRXA02766-upstream
ATTTCTCGCCGCGCCGACGGTGACGCCGGCCATGTTGAGTGCTAGTTCGCGCATGGGT
ACACCTTACTGGCGTAAGGCCAGGGCTTAGACTGGTACCC

>naRXA02766
ATGACAACCTCAGAAAAATTTTATGATTCTGTGGGCGGCGAGGAAACGTTTTCCCTCAT
GTCCACCGTTTTTATGAACAGGTCCCCAACGACGATATTTTAGGCCGATGTATCCGCCG
GATGATTTTGAAGGCGCCGAGCAGCGTCTAAAGATGTTCTCAGCCAGTACTGGGGCGGC
CCGAAGGATTATCAGGAGCAGCGTGGACACCCCTCGTCTGCGCATGCGTCACGTCAATTAC
CCCATCGGCGTCAACCGCAGCGGAGCGTTGGCTGCAGCTCATGTCCAATGCACTCGACGGC
GTGGATTTGACCGCGGAGCAGCGTGAAGCGATTTGGGAGCATATGGTGCGCGCGGCCGAT
ATGCTGATCAATTCCAACCCCGATCCGCACGCT

>naRXA02766-downstream
TAACTTCTGCCAAAAAGTCGTTT

>naRXA02770
GGTATTAACCGCCAGGTGATTTACACTATCAATGAAGATGCCACCTACTCAGATGGTCAG
CCTGTGGTGTGTGATGATTTTCTGCTCTCTGCGACAGCTGGGCAGATGCCGGAAGTGTTC
CAGTCCCATGTGCCATTGACCTCGCAGATTGAGCGAGTGGACTGTGTATCTGTTCTAAA
GTAGCCACCGTGGTGTCAAGGAAGACCTCGGTGAGCGTTGGCGTTATCTTTTGAGCAG
GGCGATTTGTTGCCAGCCCATGCCGTTGCTTCCAAAGCAGGTATGACCTTGGAGGAGCTT
AATCAGGCGTTGAAGGATAAGGATCCTGAAGCGTTGACTGAACCTGCTCGTGTGTGGAGC
GAAGGTTTCCAGCTGTCCAGTTTGATCCAGAGCTGCAGACGGCTTTTGGCCCGTACAAG
GTGGATTCTGTGGGTGAATTCGGCGAAGTCAAGCTGGTACGCAATGAGTTTACAGTGGC
GACCAGGCGGTTGAAGCAGAAATCACGATGTGGCCTAAAGGCTCGGATCTCAGCGCCATT
GCGGATAATGGAAACCTTCAGATCGCACATGTTGTGGCGTGGGAGAGCGAGCCGTGGGTA
AATCGCGATGACCCATTGAATCCTTATGACATTAAGGAAGAGGTGCGTGTGTTGACTGAG
CAGCTCACCTTGCCAGTGCCGGTGTGTTTTACGCTGCGGAGGCCCGGCAGGCGTTGCG
GCCTGCGTTGACCAGGAAGCGGTGGCTGCGGCGTCTCAAGCATCTCTGGAATCGATGTG
CCTGCCGTAGGTGTGCACTCGGTGCGTCACCAAAATCCGGTCTGTCACCAATCGGTGAT
CTGCCAGCACAGCATGGCGGTGGATATTAATGCCGCATCAGCGTTGGCGGGTCAATCC
ATCCGCATTGGCTACGACGGAACCGATGAGCGCAAGGCTGCAATGGTGGAGGCGATTGCG
CAAAGTTGTGAGCTGCGGTATCACCGTTATCGATGCGTCGAGGAGGCTGTAGTCTT
AATGATCTCAGTCAACCGAAGTCAAGTGAATGGGGCTATGAGCAGTACTTCAAGGGACA
CTTGACGCTGTTCTGCGTACAGTGGATCCACATCGGGAGTATGAAAATGCCAATACCATT
GGAATGATGCGGAGTCGACGAGGCGCACTGAAGAACAATTGTGGGCTGAAGTCCCATCA
ATTCCACTAGCAGCGCAACCCGAGTGTGTTGTGATAGATCGCACAGTGGTAACGTTGTT
GTTAATACAGACCTAGCCGGTATCGGATGGAACATGGACCGTTGGTCCAGAAGTGAGGAA

>naRXA02770-downstream
TAAGTAGTGAGCGAACAAGCTCT

>naRXA02774
CCCTGCCACCAACACAGAAGCTGCTCTATGCACAGATGCGTGAAATTGCAGCCGAACCTT
ACAGCCTGTGACGCTACTCGCGGACTCCATGCCGAAGTGGCTGCCGAATGGCTTAGTGAC
GCCATAACCGGCGAACCACCTCTATCGAGATTGACCCCCACCGCAACCTGTTCTACGCA
CTTAATGTTGAGCACC CGGACTCCATGAACCTTTGCCGGTTACGCTACACGCCTTGAT
GAACTCGACCGCGCACCGCAGCAGTGTGAGTCGCGTCAATATTTTCTTGATTATGTCTGT
GCTGACAACCCTTTTGGCTCAGACAAACCAGAGGGCATTATCGTGCTGCTCGTGATCAC
GTGCTGGCAGCAGATCCAGTGACAAACAAGCCGGCACTCAAATCAGAGGCATTCCCTACT
GTCACAGACTATTGCCGCACTCACTCTGCTAAACCAACAGACATTCTCATT

>naRXA02774-downstream
TAAGGATTTTAGTCACCATGACG

>naRXA02775-upstream
GEEEECAECATCTTTGGCACTGAGATTGTGTTGATTAACTACCCTGCTGCACACACAC
ATACAACACCTCTCACACACAAACAAGAAAGGGTCACCCC

>naRXA02775
ATGACCACCGTTCAAGTATCCACCCGCACTGTGCGCGAACACCGTTTTACTGTGCCAGTG
GACTACGCTGTGCGCGCCACCATTTCAGAAATCTATGCTGCCTGTGCCATGGCCGAAAAG
AAAGCCAACAACCTTGGGCTTAACACTACTAAGGACGATTGGGCACGAGTCACTGTCACT
GATAATGCTGTTGTTCATTGTGCGAGAATGTTATCGGGAATACT

>naRXA02775-downstream
TAGAATTGTGTGCTCCTTAACGG

>naRXA02776-upstream
GCAGCACCTAGCAATGCAGCCGAGGCAGCCCTTCAGGTTTTGAGCCAGGTACGGCTATT
CAAGTTGTATAATCCTTCATTGATGATCAAACACCTTCG

>naRXA02776
GTGCTCTATCCTGTTGAAGCAGGAACGGTGTCTCTCGTTGATGTAAAGAAAGCGGCTAGC
CGTGCCCTTTGAACAGTGGGAAAAGCACAACGAGTCCGCTGGTGATGTGCGGTGATGATCTT
TCACTGCAGAGTATCGTAGATCTCATTGAGCGTGACACTTTCCCCACCGACGATGAGCAA
GAGCTCAATAATGTGGCTTTGCTTATCGGCGAACTCCTGGTGAGGGAGGCCGGTGAGAG
TGGACGTCGTACATCTCAAAGAAAATGATGAAGATGAATCGCTGGAGATTTTCGGGGTT
TTTGGCACCGGTGGCACTGAAGGATTATCTGTAGTGGGTAAT

>naRXA02776-downstream
TGAGTTCGCATGGTTAGTGAAAA

>naRXA02777-upstream
GGTGCACCACCAACTACTGTTTCTTCTGTAATTTGCACTGAAACTATCGCCTACACT
GTCAGTCTACCATCACAATCGGTTGCTAGTAGGCTACAA

>naRXA02777
ATGAACCGCCCCCTCAAAGTCAAATTTTTCAATAACCAGCGAATGGGCAAATGCCACG
TTCAACGATATCGAAGACTCTTTGGAGGGGTCTTTTGACATCGAACCAGGCCAATACATT
GGACGCGGAGAACTACTTCGTAGCTACTTCTGGAACGGGTTCAAAAAGTTTATCAAGGTG
GTTTTGGGTGACGGTATCGATAGCGAACTAAATCGTCGCATCGAAGGTGAAATTTCTGCA
AGTAGTCTCCATCTCCATCCACAGACCTAATCTCTCCTGTCGTAATTCAGTATGTGAAA
GAGTCTTCTAATTTCCCGGTGACTTCTACATCGTGTCCGACTTCAAAGACGACACAGAA
ACTTTAGAGCTATCTAAGGCTTCTCTACCCCTCACTGACTTAGCCAAGATCGGAGCGTTT
CTCTTTTCGTTTGGAATCTGTAACAGTTCCCCCTCAAATCCTGCAAGGCGAGCAATGGAT
GTTTTGGATGGACTTTCTCTTCTTGCAAATAAAGGCAACATTGAAACAGGCGCACAATTA
ACAAAAGGAATAACAAGCTCTTGAAATCATTAAATCAAGAAGCGACCAACATCGAGAAT
GCACCTGAAAAAGTAACTAAAGTAGGATCACGGAAGTTTTCTCGCATGGAGATCTTAAA
TTTTCTCAGTTCTTAATTAATGGTGAAACCGGAAAGATTTTCTATGTGACTGGGAAGAA
TGCGGTAGTGCACATTTTCGCAAATGACCTATGTTTTCTCGCAGGTGATTTGTTCTATAGC
ACAATTCGGGAACGGTGGATACCAACATCAAAAACATTAAAGGCTCCTCGATCATTCAG
GAAGCCTACGATAATGCAACGCTTGAGGCTGTATCAAAAGTAAATGCAATATTAAGTGGC
TATTCTCAGAGAGGGGTACTCTCTCACCTCGGACGAAAAACGAATCATTAGTATCAGA
ATCGGATTGGCTGGTCTATTTGACTTTACACTGTGAGCGCTAAATCTAATGAGTTACGC
CCGCGCGAATTAGCCTTAGCCTCCATCGGAATGCAAATTAATTTAGGTCAAGCACCCTAAT
CTGGTGTTTACAGATAGCAAGGTGGTT

>naRXA02777-downstream

TAAGTGAGGAATTTGCACGAAAC

>naRXA02778-upstream

CTCCGATTTCTGAGGTACGTACGCGCTCCTGTCTAACTTCTACCACCCAGCCCAACCAAT
CGTTTTTCAAGGGTTCACCGAAGCAACTGTTGAGCACCTC

>naRXA02778

ATGCAGGTCATTGAGACGCTTGATCCCGATCAGCGCGCAGCGGTGCTCGCTGCAGCGATA
CCGCGCGAGGCTAAGATCCTGGGGCGAAAAGTAACTCTTCGCCCTGGTTGGGGCAATATG
CGCGTACACGTCGTGATTGCAGTTATCTTTATCAAGTTTTTGCAACCGGATCTTCGCCAG
GCGCTGCTAACACAGGTGATGCCGTACTTGTCTGAAGATGATACC

>naRXA02778-downstream

TGAGGCGCCTTCTGGGGCGTCGA

>naRXA02779-upstream

CTCAAAGGAGACTGCACATCATGTTCTCACCAGATATGCTCGCACGTTTTCTCTGCAA
GTTTGAATTTGCCAATGCACAGTGCTCAGAACCAGAAGAA

>naRXA02779

ATGGGCGAATACTTCCAGGTCGTTCAAACATCGCCATGACACTGGGTGCTGGCGAAAGC
GTTGATCTTGTGTCCGCGAATACATCAACGATGTGGAAGGCAACCCGACCATCTATCAC
GGTATGCCGCTGCGTACTGAATACCGCGCATTCATCGACCTTGATCACTGTGATCCGTCC
GCTGGTGAGCCTGAGCCTCGCTTATTGGGGGTTACTCCCTACTGGCACCCCTCCGTGATG
GAGAAAGCTCTTCGCCTTTGCTTCAAGCGATGTTGGTGC

>naRXA02779-downstream

TGAATTCGGTCACATCAACGATG

>naRXA02780-upstream

ATGGAGAAAGCTCTTCGCCTTTGCTTCAAGCGATGTTGGTGCTGAATTCGGTCACATCAA
CGATGATTACCGCACCTACCGTGCCACAAAGACAGCCTC

>naRXA02780

ATGTCCAAGTTCATACACACCGTGATGATGTCATTTACGTATCACTGCACTACTACCC
CAGCTTCGTGCACAAGAGCTGCAAGGTCAATGGTCTGTGGACATCATGAAAAACGGGGAG
GATTTCTACCTCATTGACATGGCTCTCATGTGCGAGTCCGCACTGTCTGAACTACTCACT
GTTACAGATGAGTACGCCACAGTCGAGCCGAGTGTCAATGACTTCGCCAACCAGCTG
GTCAATTGATTATGACGAGCACGATATGGGCTTTGATCGAGACTTTCAGCAGGTGTGTAT
AACACCCGACAAGCAAGTGCTATCAAC

>naRXA02780-downstream

TAAAAAATACACATCCACACC

>naRXA02781-upstream

CTCCGAGAGTTCCGCATCCGCGGTTTCGATCCCGGACGTTCCCCGGGAGACGCGGTGGGA
CCGGCTGTGGCGGCCCTTCTGGGCGATACCGGCTGCCAGC

>naRXA02781

GTGGTCGCGGCCCTGGTTTTCGGTTTTCTGCTTCCACGTGGGAACGTGGGTGTCCGAC
GCCGCGCTCAAATTCGTTTTTGAGGGTGGGCCTGATGCCGCCCGCGAGGTGCTGGGCACC
ATCGCCGCCTCCACGATCTCAGTGACCGGTCTCATCTTCTCCATCACTCTCGTTGTTCTG
CAGCTGGTGAGCAGCCAGTTTCAGCCCGCAATGCTCAACGGCTTTCTGCGCAACCGCATC
GTGCAGGCCACCTGGCGATGTTCTTGGGGACGTTTCGTGTTCTCCCTGACGGTCATCCGG
TACGTGTGGAGCGAGGACGAGGACATACCGGATTCGTCCCCCGTGCTTCAGTGTCCGTT
GCCTTCCTGCTGGTGTGCGGGTGTCTGGGACTGTTCTTGGCGTTTCATCCGGCTCATCACC
TTCTCGATGCGGGTGCCCAACGCCATCTCCGAGATCGGGGAGGAGACGATGGCTCTGGCC

GCACGTATCTATCCCGTGCAGAGCGACGACGACGAGGCCAGTCCAGGGGCCGGGCTGGTCA
CCGCGGGCCCGGTGACCCCCGGGAAGAAATCCGGGTGGGCAACCATGGTTCGCTGGTGTGG
ATCGACTACCGGAAGCTGGTGTCTGGTCGACGGAACACCAGGCGGTGATCACGGTCGAC
CGGCCGGTGGGGGACTTCCTCGTCGAGGGCCAGCCGCTGCTGCGGGTCTGGTGGGACGGG
GAACTTCAGCGACCGGGACCGACGCGTTCTGCACTCGGCCATCGAGGTGCGGACCGAGCGG
GAACCTTACCAGGATGTGGCGTTTCGGACTGCGTCAACTGGTTCGACATTGCCGATCGTGCG
TTGTCCCCGGGCATCAATGATCCGGGCAAGGGGGGCGGAGTGTGTCCAGGAGATCCACCGG
ATCTTCCGCTATTGGTTCACCGTCATCGAGCCCAGCCCCTACATCGCCGATGACGACGGT
CGGGTCCGTGTGGTGCACAGCCGCAACGTATCGCGGACATGCTCTATGAGGTGATCCGT
GAGATCCATCTCTACGGGGCGGATTCTGCGATGATTCCGAGGCTGCTGCGCACCATGGTC
GAGGACCTGGTGCAGGCCGCTGCCGATCATTCCCTGCCTGCCGTCGAGCGTGCCCCGCGG
ATCCTGGACGATGAGACGGACGAGGACCGCGACAGTGACACCGCGAACGTC

>naRXA02781-downstream
TGATCCGGGATCAGGTGGCGGTG

>naRXA02782-upstream
GTGGATCTGTGCAAGCATGAACCACCATTATCTGAAAACCTCACCAATTTGCGTGT
ACGACAGAACCCAGTGCCCTGTGTGCTCAGAGCGAACT

>naRXA02782
GTGGCGCCGGCGCTTAATGATCTTGCAACCACTCACCCCTAACTTGCCGAGCAAATTGCA
GATCCTCAACCAAGTGGTGTGAGCGCCGCGCCATTATCCCCACCATTAGCAGGGGTTC
CATACGCAATTAAACATGGCAATGTTCTAAAAATCATGACCACCAATGGGTGCGCCACAGTA
AAGGATCGTGTTCGCGGAACAGACTGCCCCACCTGCGCAAATACAGGAACCTTCACGCAA
GAGGCTGAACCTATTGAGGTTCATCCGTGCATTATTCCCAAACACTGATGTCCAGCAAGGT
GCGCTCATTAATGGACGTACCGGTAATCAAGGTGCATCGCCGTCAACCGATGTACTCATA
CCGTCCAAAAATCTCGCTATCGAGTTCAACGGCCTGTAAGTGGCACTCTGAGCTTTTCATC
AAAGATAAGCATTATCATGCGAACAATCAGCTCTCGCAGAACAAAGCCGGTGTGCAGCTC
ATTATGTGTGGGAGGACGACTGGAATCTTCGCCGCGACATTGTGATCCGCATGATCGCA
CACAAGCTTCATGCAACCCATAACCTCAGTGCTGTTTGCCTACCGAACTACTGACTCA
CGTGTGGCAACCACCGCTTTTCGCCGTACACTCACACTGTGCGGTGGTCTCTGGTTCACGCG
CTGCTGCATTCT

>naRXA02782-downstream
TGAACAGCAACCATATTCAGGGT

>naRXA02783-upstream
ACAAGCTTCATGCAACCCATAACCTCAGTGCTGTTTTCGCTACCGAACTACTGACTCAC
GTGTGGCAACCACCGCTTTTCGCCGTACACTCACACTGTGCG

>naRXA02783
GTGGTCTCTGGTTCACGCGCTGCTGCATTCTTGAACAGCAACCATATTCAGGGTGCTGTC
TCGGCCACTAAGCACTTTGCCCTGTGCGACAACAACGACGATATTCGAGCACTCCTGTGCG
GTGCGCTCACCAAAAAACAATGCCCGCATGTATCGCAAAAAAGGCACATGGGAAATCCAG
CGCTATGCGACACTCGGTAACGTCCCTGGCGGTTTTACTAGGCTGCTGAAGTTTGCCGAG
CACACACTCAACGAACACAGCACAGTACTCAAGCAATGGATCTCATTTTCTGCTGCTGAT
GTCTCTGACGGCAGCCTGTATCGAACTGCCGTTTTACCGCCGAGCAACAGCTTGACCG
GATTATCGCTATGTGCGTGGCGCAACAGGTTGGCGCCGAACCCAAAGAAAGCTTCCAG
CGCAAACGCTTTAGAGACGACCCAGCGTTGCTATGGAACGAATCTTGACAGAGCACGAA
GCAGCGCTCAACAACGAGCTCTACAGAATCTACGATGCCGGCAAAACCCGGTGGGTAA
AATGTTGCT

>naRXA02783-downstream
TGATTCTGCAGATTAGTTACTGA

>naRXA02784-upstream
AGCTGCAACTCAGGTAGAAGAAACAACAGTCGCCCGAGTTGAACACGATACTTACGACAC

TATTGCTAACCAGCTACAAGATGCCGGTGTCTATGACGAT

>naRXA02784

GTGGCCTTTGCCGAAGGCTACTACCAGGAAATGGCTGAGGTTGTATGTGAAGCACGCGAA
GAGGGTATACCCACGAGGACACCTGCATATGCTCAATGACATGATGGCAATGAAACGA
TCTGGCGAAGTACTCAATACGCTCGCTGATGTTCTCTATGCAAATGAATGCCCTGAATAT
CGAATC

>naRXA02784-downstream

TAAATTGTTGGTCACTCTGCATA

>naRXA02786

ATCCTGCGCAACCTCGGCCAATCGCTGGGCAGCCTGCACGCCGCCACCGCAGACCGCGAA
GAAGACTTCAACATTCTGCTCAACCGTATGCTGGCCAAATACCCAGCCACAGCTGAGATG
CAGAAAAACCGCGATAGGTTGCTGCCCGCAGCAATTGAGGTGGGTAAAAAGATACTTGTG
GACGCCGGGGTACCGTTCCAGAAGTCGTCGAGGAGTTTGGCCGCTAGCTCGGCGACGC
CTGATTTCCGGACGCCACCGTGCCTTCACACCTTTTGACTTGTACCCGACAACATCATC
GTGGCTGAACGCACCCACTTCTGGACTACGAAGTTGCCGGTTTCAGGGATGCCACCTTT
GATGTTGCTTGTGTGATCGCAGGTTTCCCGCAATTCGTGTTACGCCGCCCATCTCTGAT
GATGAGGTAGACGAACCTCATTGAATCCTGGGTCCAAGAAGTCCGTGGAATCTGGCCCAAT
GTGAACAATGAAGAGCGCCTCCAAGCACGTATCGTGACCGCTCTCATCGGCTGGGCACTA
TCGAGTGTTCCTTCATGAAGCTCGGCTCCATCAGCGGCATGCTTAACCTGCTGCACGTC
ACCGAAGATGGAAACCACTTTGGATGTCTCCAACCTTGATGAAGTGTGATTCCACGA
TCTGCCGAAGATGACGAGCTGGTCCAGCAAGACCTCCACGACACGTTCTCCGCGCTTCAG
CGATTTGCAGCGCGGGCTGGATTCCAGGTTCCCTGAGGTGGCAGGATTCGCAGACGAC
GTGGTGCCTTTGTTCTCAAAAATGAC

>naRXA02786-downstream

TAGCTGAAGAGCACCGGTTGCTT

>naRXA02789-upstream

TTCTTCCGTACGGCTATGCTTAAAGCTAAATTTGTCTTTGTGCCTTGCAACACATTAAT
TTCTTAACACTAAACAATGGAAAGGTAAGCGGGTTTCT

>naRXA02789

ATGAAGGTTTCCGCCGATACACCCGGTCACGATGATCCAGGCCAGGCCGGCGCCTTGGC
TTAGATGTCGGCACCGTGCGCATCGGAGTGGCAGCCTCTGACCGCGATGCCAAGCTTGCC
ATGCCTGTGGAACCGTTCCGCGGGAACCTGGATTCAAAGGGCCAGACCTGGCCGATATT
GATCGGTTGGTCGCCATCGTTGAGGAATACAACGCCGTGGAAGTCATTGTTGGTCTACCC
ACAGATCTGCAGGGAATGGCTCCGCCAGTGTGAAGCATGCAAAGGAAATGCTTTCCGC
GTCCGTGCGCGCCTACCAATGCTGGAAAGAACATTCCGGTACGGCTTGGCGACGAACGC
CTCACCACCGTCGTGGCCACCCAAGCCTTGCGGGCCTCAGGAGTCAGCGAAAAAGCGGGA
CGTAAAGTTATTGATCAAGCTGCCGCAGTAGAAATCCTTCAAACCTGGTTGGATGCTCGC
ACCCGAGCCCTTGAACCACAATCCACAGACACCCAAGATTTGACGAGAAGGGAAATTC
CCAGGA

>naRXA02789-downstream

TGAACCAAATCCGAAACCGCCGG

>naRXA02793-upstream

TGCATGCTCCTCTAGTGATGTGGTGGAAAGTCAAGGGATAACCGTTGAAAACCTGTGGCTC
GGTGGTGAATTTTGATAGTCCACCATCACACATCGCCTTG

>naRXA02793

ATGAAAAGCGCCCGGTACCCACGCTTGATGCTTTAGGTGTTTTGGATCGCGTGGTGACC
AAAGCTGGTGCTTCCCAGCTGGGTATTACGACGCCGATTTATCGGAAAGAGTCACGGAC
ATCCCAACGCTGTCCAACAAGATCGACGCCAGCGGACACGTGTTGATCTCGAAAGAAGTC
GTTGTTGCCGCCAACCCAGACATTGTTTTCGGCGAAACTGACACCATCAACCGCGCATCC

ATGGCATCCTCGAACATCCCGGTCGTGGAGGAACCAGCATTCTGTGGCAGCATCGACGGC
 GACGTGAGTTTTGATGATGTCTGGTCACAAATCTCCACCTATGGCACCATTTTTGATCGC
 TCGACAGAAGCAGACGCATACATTGCAACGTTGAAGGAACGTGTTTCTGAAGTATCCTCG
 CGGGTTACTGACTCCGGAAAACTGTGGCGGTGCTCTACCCACCATCGGCGGCGGAGTC
 ACCTACGCATACGGCCGCGGATCCATGGCCAACCCACTTGTGCGGAAGCAGGCCTGACC
 AACGTTTTTCGACAGCAATCCGAACGCGTCTTTGAGGTCACGGCAGAAGAACTGATCTCC
 GAAACCCCGACTCATCATCGTTTTACACAGCGACGGTTEEECTTCAGACATCGTCGCAGA
 GGTGGGCAATCTCCAAGGGTCCAGCGCACTCACTGCTCTGAG

>naRXA02793-downstream
 TGAGAACAAAGTGCTGCCCATAC

>naRXA02796-upstream
 GATTATTCATGGAACATCCTTAGCGGAGTTATGCAAACGTTTTTCATAAGGGGTATTCCA
 TTCTACGTCGATCTTTGTAGAAGGTGGTTATTATGGCTTC

>naRXA02796
 ATGAGACTGTTTCGCGTCTATCACTCCGCCGATTGAAGTCACCGAGCATCTGATCAACGCG
 CTTTCGTCCTTACAAGGATGATCTGCGGTGGTCTGATCCAGACAATTGGCACATCACGTTG
 GCGTTCTATGGAGAATTACCTGATGGGGCAGTCGAAGATCTCATTGAGCATCTGACAAGT
 GCAGCCCGAATCAATGAAGAATTACCATCAGAATCAAAGGCGCAGGCTCATTTAATCGG
 AAGAATTTGTGGATGGGTGTTGGTGGTGACACCAAAGATCTGCGGCGACTGATGGCTGAT
 TGTCTGATTGATCCTGAGGAACGCCGACGCCAGCGTGCACACCTGACCGTGGCGAAACCA
 ACGCAGCGACAGCGCAGCCGCGATTGGGATCCTGTCATCCCGATCTGGTCCACGCTCTC
 TCTATATACGAAGGCCCCGAATGGCCAGTCGATGAGATTGAACTGGTGTCTTCTGAACCT
 GGAAAGGCAGAAGCGGTGGGCCACTGTATACAACCGTGGCCACCATTGCGTTGTCATCT
 GCGCTGGTT

>naRXA02796-downstream
 TAAAGGCTCAACCGCGGAACGGC

>naRXA02798-upstream
 GCATCAAAATCATGTGCATTATCATATTGCTGATCATCATAGACCTGTTGGCAAATGAATT
 CACCAATTCTTTAAAGCTCTCACCTCTTTAGGGAAGTGA

>naRXA02798
 ATGCGGTCTGTACTCGACTACTGGATCATGACTCTTGACCTTCCACCAATGCGGTTTCG
 CAGCAAACAAGAAGGAACCCCTTCCCAAGCGCCGCGACTTCTTCATCGACTTCACTTCTTT
 GCCGGCATTATCTGCGCACCGTTGATTTTCATCGCTGCGCTCACCGGACTGGTGTATGCG
 TTCTCCCCCATTGAAAGCATCTCTAATCAGGAAATGCTCACGGTCTCCAAGTCGGCT
 AGCGACACAGCTCTTCCGGTGCGTGAACAAGTGAGCATCGCCCAAGAACTCCACCCCGAT
 TTAGATCTCTCAGGTGTCCGGCTTGGCGATGATTCTCCACCACCGCGTCTCTTCGCC
 GACGAGACGCTTGCTGAATCCACAGTCCGCGCCGTGTTTGTGATCCCTACACCGGCGAG
 ATCACCGGTGATACCACCCAATACGGAAGCTCAGCTGCACTGCCGTTTCGGCAATGGGTC
 TCGCAAGGTCACCGCATGTTGTGGCTTGGTGAACCTGGACGTATTTATTCCGAAGTTGCG
 GCAAGTTGGCTCGGAGTTTTAGCCGTAGGCGGTTTCGCATTATTGTGGTTGCGCAACAAA
 AAGCCCGCGCGCTTGAGAAAGATGGTGCGAAGTGGTGGCCGTGGTTCGAGTGAAACGTAT
 CGCCGACATGCAGCATTTGGGCACCGTAGCGGGCTTGGGTTTTGTGTTTCTCACCTTACT
 GGCTTGACCTGGTCAACTTATGCGGGATCCAACATCACGGATTTACGCACCCAACTCAAT
 TGGACGCAGCCTTCCGTTAACGCTTCTCTAACAGCTGCCCCACAAGTGACATGCATGAT
 GAACACGCAGGTATCATATGCATATGGAGTCGGCAACCTCAGGCTCAGGTTCTATAGAT
 CTGGTAGCGGCCACGGCTATCTCCGAATTACGCACTCCCTCACCATTACTCCCCAGCA
 CAAGATGGCCTCGCGTGGACTGCCACAGAAAACCGCGACGCCTACCGATTACCACTGAC
 ACCATCGCTGTTGATGGCGACACCGGAATGCTGACCAACCGTTTGAATTCCACTGATTGG
 CCATTAGCTGCTCAAGCGAGTGATGGCTCATCCAGCTTCACATGGGCACCCGTGTTTGGC
 CTTCCCAACCAGGTTGTACTTGGGCTGTTGGCTGCCCAATAATCGTGATGATCGGCCTT
 GGGTATTGGATGCTGTGGCAGCATCGGCCACGGGAAGGTTGGCCTAGCGCTCCCAAGCGT
 GCAGGATTTGAAAAACCACTGGGGAACTATCGGTTGGGTGTTGTGGTGATCGCGTAT
 GGGCTTCTCGCGCCACTTTTTGCAGTTTCACTGCTCGTGTATTATTGGATTAAGCCTTGA

GTGCGGTTTATTTCTCGTATGTCCGGGCGCGGACACGTCCAAC

>naRXA02798-downstream
TAAGAACACCAAACCACACCGCC

>naRXA02799-upstream
TCGCGCGCAAGTGTTTCAGTAATATGGACTCCAGTAACGGGTTTTTCATGACGCGTTAAAT
TTTTTAGTTGATCACAGATACACCAATCAGGAGTAGCGCA

>naRXA02799
GTGGCAGCAACATTGAAGACATCCAGCGGATATTGAGCGCACCCGCCGTCAGTTGGCT
TCCACCCTCGACGAGCTGGCAGACCGCAGCAAGCCTTCCAACCTGGTCGATGACGCCAAG
AACCAGGCAACCGGAAGCTGCAGGAATCAAACGTACAGAAGGTGCTCCTGGGCGTCGCT
GCTGTCGTCGTCGCTGCTGTTGTATTTCAGCGTTGTGCGTGGCCGTAAGAAGGCAAACGAT
CTGAAGGAAATCCAGCGCCTGCTCTCCGAGCGT

>naRXA02799-downstream
TAAATTGCTTTTCGACGGGGCGT

>naRXA02812
GCTTCAGGCACCGACGCCTCAACAATCACCCCTTGACCAGGTAGCTCTTCCCGTTGCCACT
AACTCCGGAGCATCCGACGCCGTAGCGCTGGCGCTGGCTGAAACCCAGAAGCTGCCGCT
GCTGCGCTCAACCGTGACGCCGATGTCACCGCAACTGGAGCTGCCGACTCCCTGCGTTT
GCCACCGTTGAAGGAGCAGAACTTCCAGAGGGCTACACCTTTGAAGCAGTAGACAGCGCA
GAAGTACCTGTGTGGGCTGTTGCCATCAACGCTGGAAACGGTATCTCTGAAGACCAAGCC
CGCGCCGCTCTGATTTTCAGTAGCTTCAGCTTCGACACCGGCAACGCCGATAACTCCGCG
CTTGAAAGTGTTCTACCCAAGCTTCAAGCGAATCCGCGGCAGAACTACTGAGGCGCAA
CCAAGCGAGACCCCGTCGAGCCCGCGCTGCTTCCCCATCCGATACCATCATCAACCTG
GATACCTCATCCAACATGGATCGAGTTGTTGACGGCAGCCAGGAAACCTACCACACGGTT
ACTTCCCGGACTCTGGCCAACCTCGCC

>naRXA02815
TGGCTGCGCAGTACCAAAGAGTTCGAAGACCAGCCCGTGATTCCGGCATTCGAAGTAATC
GCAACGGTTGCCCTCTGAATTCGACGGCGACGACGGCAACTACTCCAACGAATTCCCGTG
GAAGATCTAGTCGGATACGTTGACGCCATCACCGAAGCCGGCGGATACGCAGTCCTGGAT
CTTCAACCCGGACGCGCCAACCTTCTCGACCAAGCCAAAATGTATGAAGAACTCCTCAAA
CGACCAAACGTTGGATTGGCGCTAGATCCCGAGTGGAAAATCGGACCCGATGAGCAACCC
ATGACACGAGTGGGCTCTGCAGATGCCGCCGAAATCAACGAAGTATCCAGTGGCTCGCC
GACCTGACCGCCGAGAACGATCTTCCACAAAAGGCATTGTACTGCACCAATTCCAATTG
GAAATGCTCACCAATCGGGATCAAATCAATACCGATCACCTGGAACCTGGCTGTCGTGTTG
CACGCAGATGGACACGGAACGCAGGGGATAAGTACGCAACTTGAACATGCTTCGCGAG
GGACTGAGCCCG

>naRXA02817-upstream
AAAATTCCCACCCCAAACTCCCCCACTTCGGTTAAGGAATCAGGATTCTCACAAAGTT
CAGGCAGGCTCCCGCTACTTTTCAGCGCTAATCTTGGCTC

>naRXA02817
ATGATTTTAGGCGTACCCATTCAATATTTGCTCTATTTCATTGTGGAATTGGATTGTCGAT
ACCGGTTTTGATGTAGCAATTATCCTGGTCTTGGCGTTTTTGGATTCCACGTATCGGCCGA
CTGGCCATGCGTATTATCAAGCGCCGAGTGGAGTCTGCAGCCGATGCGGACACCACTAAG
AACCAGCTCGGTTCCGCCGCGTTGGCGTTTATATCGCGCAAATTGTGGCGTTTTTCATG
CTTGCCGCTCTCCGCGATGCAGGCTTTTGGTTTCTCTCTCGCGGGCGCTGCGATTCCGGCA
ACCATGCGTCAGCTGCCATTGGCCTTGGTGCGCAGTCGATTGTTGCGGACTTCTTGGCC
GGATTTTTTCATCCTGACGGAAGCAATTCGGCGTGGGT

>naRXA02818
TCCTATTCCCGGAAGTTTTTGACCCAGGTGTGGATTGAGACAATGTGGCGATTATAAA

GGCCTTACCGATACGGCGTTCCGTAAGAAGCTGCAGCGGATCTTGCTACCTGCGCAGA
GTTGGCGTTCCGATTGAGCAGTTCACGGTCACCTCAGGCATAGCTGAAGGCCAGCAGGCC
TACCGTCTGGCCAGGATTCTTATAAGCTCCCCGAGGTGCAATTCACCCAGATGAGGCC
GCCGTGCTGGGCATGGCAGGGGAGATGGGCCATAATCAGGAACCTCGGCGCTTCGCGCGT
TCGGGTGGACCAATTGGCGGCCGGCGCGCAGCGTGATCTGTCCACGTCCACAGCC
TTGACCAATGCGGGCGATTTAGGTTCTTGTCTGCAAAAACCTCGATGCGATCATCAA
GCCCCCAATTGGGCAAGCAAATCAGCTTCGAATAGEGGEGEGEGCCCCAAGACGCCCCC
TCGCTTCGACACATGGATCCTTGGGGTCTGGTCCCTGAGCGCGACCGCATCTACCTGGTC
GGATTGACCTCGACCGCCAAGAAGCACGCACCTTCGCGATCACCCGCGTCCGCAACATC
AAACTC

>naRXA02823-upstream

TTATGTNTNTAAACAGCCAGTTGGGGGTTCATGGGGGAGCGCCCCGTGACTGGTTAATGCC
CCGATCTGGGACGTACAGTAACAACGACACTGGAGGTGCC

>naRXA02823

ATGACTGTTAGAAATCCCGACCGTGAGGCAATCCGTCACGGAAAAATTACGACGGAGGCG
CTGCGTGAGCGTCCCGCATACCCGACCTGGGCAATGAAGCTGACCATGGCCATCACTGGC
CTAATGTTTGGTGGCTTCGTTCTTGTTCACATGATCGGAAACCTGAAAATCTTCATGCCG
GACTACGCAGCCGATTCTGCGCATCCGGGTGAAGCACAAGTAGATGTCTACGGCGAGTTC
CTGCGTGAGATCGGATCCCCGATCCTCCCA

>naRXA02824

TTCTACGAAACGGCGAAGCCCTCGACCCGACCGGCGACAGCCTGACCATTTCCTCCACC
ACCACCGCGCCATCGACCAGCAGACCTCCACCTCTGCCTCAACTTCCGGTGGAACCGCC
GACTGTTCTCCGGCGCATTGGGTGTTGTCACCACCGGAACCAACGACGGCATGCTGGGC
ACCATCCAGGAAGTAAACAACACCTTCGCGATTGGAACAACCTCATCGTCAACACCGAG
CGCATGTTCTGCAACATTGATACCCTCAAGGCGCGCTTCGACACGGATGATTCAGCGAT
TCAGCGACCTCTGCGACTTCTGGGACTACTGCGTCCACCGGCACCACCGCTGCAACTACC
GCGGGAACCACGGGTACCACTGGAAGTCCAGCACCCTTCGGAACTTCGGAACTTCC
GGAACCTCCGGCACCAGCAACTGTGCTGGCACCACCCCAACTGACAATGGCGTTTGC
ACCGCTTCGGATCTTTGGGCGTGACCCAAGCATCTGCGCAGTGGGGT

>naRXA02825

AATGTTTCTGCAACGGAAGCTTCCGGTTCCGCTTCGGTGTCCTGTACAGTCGGGTTTCG
CAGGCGTTCGCTGATTTCTACACCCAGGCACCCAGTTGGATCCGATCAGTTTCAGCGCA
ACTTTGGGCGGCGACGCCAGCTGCGCCACCGGATCCACCTCGACCACAGGCGCTGCTGCC
ACCGCGAACACTGACAACACCGAAGGTGTTGCCGGCGAGGAATCCACCACCCCGCTAAC
CAAAACAGCCAGTTCCAAATCCGCCAGGCCGCTGCAGATTCCACCGGACTGGATACCACC
ACCACAATGTTGCTCATCTCTCGCGGTTTCGTTGTGCGAGGTGGCTCCATGACTCGCTTC
ACCGTCGGCAACCCGACTGGAAAA

>naRXA02825-downstream

TAAGGCTTCACATGAATAACGCT

>naRXA02827-upstream

CGGTTTACTTTTATTTATCGAATGAATCATGTACATAGAATAATAAGCATTAAAGGGGGG
GCGGGTAGGAAGAAGCAGCCGTGTCGCATATGCTTACTTT

>naRXA02827

ATGTATGAGCAGCAGAAGATCCTTAACGAAGTCAGTGAAAAACGTCTTCAGGCAATCAAA
GATTTTACAGAACTGGGATCTGGATTCAAGATTGCGATGCGGGATCTTTCCATTGCGGGT
GCAGGTAATCTCTTAGGTGCTCAGCAGCATGGATTTATTGATGCAGTCGGTTTCGATATG
TATTCTCAAATGCTAAGCGAAGCTGTTTNTCGTAAACAAGGAAAGAATAGTCAAGTGGAG
AAGNCCNCTGTTGAGATCGACCNCGGTGTCGATGCGTATCTACCTGAAACATACGTGGCA
GATCANCGGCAGAAAAATCGAGATCTATAAACGAATTCGTGAACTTGATTGCAAGAAATG
CTAGATGAAGTAGAAGATGATCTGCTCGACCGTTTTGGAGAACANCCAGAAGAAGTAGCA

CAT

>naRXA02838

ACCGTGCCGCTGGGCGACGGGCGAGGGGCGGTATATCGCGAAGATCCCCTCGACCGCGTTT
GTGGGGGTGTCGGAGAACAAATTTGCCAATCTGGCTTTGGCCGAGGCGATCGGGATGGAG
GTGCCCCGCGCGAGTTGGTGGGGCGTGCGCAGTTTGAAGGCGTGCCCCCGAGTTTGAG
GCCATGACCGACGGGTTGGTTTTGCTGGTGCGGCGGTTTGATCGCGCGGGCGATGGEGTG
CGCGTG CATATGGAGGATTTGCGACAGGTGTTCCGGCCTATACCCGCGCGCAAGTATGAT
GGGGCGGCCAGTCACGATATTGCGGCGGTGCTGGGCAGTGCGGTGTCGATCGCGGCGGGG
TTGGAGTTCGTGCGGCGGCTGGCGCTCTCTGTTGTGATGGGCAACGGCGATATGCATTTG
AAGA ACTGGTCGCTGATCTATCACGGGCGGGCGATGTGCCG

>naRXA02840-upstream

AAGTGAAATCAATCGGCTTTTCCAGCAGCAGCACTGGTCGCGCCAGCGTGGGTGTTATGG
TGAAGGCGAATACACCTTCAGCACCGCTGAGCCGGAAGAG

>naRXA02840

ATGACGGTAATCAGTGGCGCGCTGAATGTGTTACTGCCTGACGCGACCGACTGGCAGGTG
TATGAAGCCGGTTCGGTGTTTAATGTTCCCGGTCACAGTGAGTTTCATCTGCAAGTTGCC
GAACCCACCTCTTATCTGTGCCGCTATCTG

>naRXA02840-downstream

TAATTCCTCGCCTTCCCCCTTGAA

>naRXA02841-upstream

ACCACC

>naRXA02841

ATGTTTCGCAGCTTTTAAAAGCAATCTTCCGACCATTAAAAAGCTGGTTTATGAGGTCAAT
AATGGCGTCGATGCGAGCGCTCAACGAACTAGAGCGACACGTCATAATGAATCAGTCCGT
GCTCGCGAATCCCTAATGTCCAGTACAAAGCCACTGCGGGGCGCAACTTCGCCATATCC
AAGCTGGTCCAAAATTTGCGTCGCATCAACAAGGCACAAAACAATCCACGTGGTGTCGCC
ACTCATGCCACCGTGATTCTGCTTAAGGGAGACGGCAGC

>naRXA02842

GATGCGGGATTTGTGTA CTTCGGTGAAATCGATGATGCTGGCCATATTTTCGGCCTGGCA
GGCGACGAATACCGAGGGGGGATTTCGACAGGTCGACACCCACGTGAAGAAAGTTCTTTCT
GAAGTGTACGACGCTCCGACGAGCTCGGGGAGGACTGGCTGGTAGTGATCACAAGTATG
CATGGTCACCTTGATGAGGGCGGGCACGGCGGCACCCGATCGGGAGCGAGAATCCTGG
ATCATCACGTGGAGCCCGCACCGGGA ACTGCCACAGTGGCCTGAAGAAATTGCGCCGCNT
GAGCTGGCAGAACTGATGCTTGTGGAGCGCCGAACCTTGAGG

>naRXA02842-downstream

TGATTGTCACTAAA

>naRXA02845

GAGGATCACACCTCAATGCTCACCCACTTTTCCGCAGCTGTCGGCATGCATGACCGCGAT
CCGGCTCGCTTCCCAGGCCAGGGCGACGGTTCCCTACCCGGATCTTTTTTGGCTGTACAAA
AACGCCCTCAACCTGGTCATTAGCTCAGTGTTGTTACCCCGTGAGCAGATGGACAACATG
CTCGATCAGATGGATGAACACTTCACGCGCGGGGTATCCCGCGCATCGCGATTAATATT
GAGCGCCGCGACGACGCCCTGATGAACGGCTCCCTCGAGCGTGCGCTAGAGCTGCAAGAG
CTTATCGACGCCCTCCAGCACGACGATCCCTTCGACGACTGCCAACCTGCCAAATTGCA
GGAAAAGCGGCACCTCGCAATGGCAGCAGATGATTACGACGAAACCCAAAACCTCGTCTCC
CAAATCATCAGCTACGGATCCATCGGCTGCGTCATGGAACAGAGACCACCTCGCTGCG
TTCATGCTGCGTGTGCTTAAGTCCGGCGATGCTGATTATGCCCCGCTACCTGCAAGATGTC
AGTGCGAAGGCAAACCCAGAATTCCAGTCCCTTGATTCCGTTGGACGCCACCTAGAAATTC
CTCGGCATCACTGGA

>naRXA02846

GTGAATGGTCTGTCCATCATCAACGCGGTGAATAATGCGTGGTGGTGGCGAAACGCACT
GACTGGGCCAAATTCCGAATTCTTGCCGGCGCTTTGGTGCTTGGTTCTGTTCTGCTGTT
GCAGTGGTGTATTTCCCTTAACGGACCATGGCTGTTGATTTTCGTTGGTGGCGATGGTGCTG
CTCGCGTTGGGTGTTTCCCTGTTCCCAACAGAGAAATTCGCACTCAAGCAAGAAGCTAAA
CTGCCTATGGTCATGTTGGGATGATTGGTGGATTGATGTCCACTGTTGCAGGCATCGCA
GGGCCATCCCTGACTGTTTATGCGCGCCTGAGCCGCTGGGATTACCGAGACTTTGTGGCC
ACCTTGACCCAGTTCTACTCGTGGCCAACACCGTATCGTTCTGCTCAAGGTTATCTTG
ATCGGTGGACTCGATTTCCGTGGCGCACCCGCATGGCTCTGGATCGGTGCCGTAGCGATG
ATCTTTGTGCGTGCTTGGTTGGGTGAAATCGTCAACGCTAAGGTGTCCACCCAATGGCC
AAGCGCATCGCTACGCTCCTGGCAGCAGCTGGT

>naRXA02847-upstream

CCAGCCTCTTCTATGTCCAAAACTGGGAGCTCGCATCCCAAGGGTGCTGCCTACGGAGC
AGCCTCTGCAGAAGTCAGTCCTTTCCAGCACTTGTGGTCC

>naRXA02847

ATGGCTGTGCAAGGGCAGTTCTACCTCTTTGCCATCTTGTGAGCATGGCGATCATCCTG
ATTCTGTCGATACCGCCCCGAATACTCCGCAGTGCGACTAGCGACTCCTGTGCTGGCAGTG
CTCACATCCGTATCATTTTTAGTGCAATCCTGTGGCATTTTATTGATCAATCAGTCAAC
TACTATTCCACCTTACCAGGTTCTGGGAGCTCGGCCTTGGTGCATTTGGTGCTGCAT
GCGCCTCGAATTTGATTTCTGCGAAGACTAAATCAATACTCGCAGCCGTCGGTTTGTTT
ATGGTGCTATCCACTGGATTCTTCATGGATGGCGCAGAGACTTTCCCTGGATTCCCCGCG
CTGTATCCCATCTTGGGTGCTTGCTTAGTCATCCTTGGCGACGGTAAATCTCGGTCTTT
CTCTCCCGAAAATGGATGCTTTGGCTCGGCGATATCGCCTACCCGCTCTACTTGTGGCAC
TGGCCTCTGCTGATCATTTTACCGCTTTGTTCAACCAAGAAGAGCCATCCATCTGGCTG
GGTATCGCCGTGATTATGCTGTCCCTTGGCTTGGCGCAGCTGACTAACAAATAC

>naRXA02848-upstream

AGCAAGGACCGCAACAACCTGGGCAACCTGGATGAGCGTCTGTCTCGCCCGAACACGTTT
AACCCAGCGGTTTCAGAATGTGAATTTCTTCTAGTTAC

>naRXA02848

ATGCAGATCGTTCTGGCTTCGCAGTCCCCGTCCCGCGGAAGAATCCTCAATTCGGCGGGC
GTCGAGCCCTCATCCACCCAGCTGATGTTGATGAGGACGCGCTCCTTCACTCCCTCAAC
GGCTCTGCGCCGGAGGAGATCGTCCGCCAGCTTGCCTGGCTAAAGCACAGGTGGTTGCG
CCGTCTATCCGGGCGACGTCGTATCGGTGGCGATTCCATGCTGCTTATCGACGCCACC
CTCCAAGGCAAGCCGACACCCGCGAAGCCACCATCGAAAGATGGAACAACAACGCGGC
AACAAGGCCACATGATCACCAGCCACGCCATCATCTTTGGCGATGAAGTGATCGTGGAG
TCCTCTCCACCAACATTTCATTTGCCGAGGCCAGCGAT

>naRXA02849

TCCCCATACCCCGTCATGATCAGCACCTCTGCCGACGCCTCAAACGTGACCGTGCGCATC
ATGGGTGTGGACACCACCTCCGTGGAATCCATCAACAACGGACGTTGGTCCACCACCCAG
CCCAACACAGTTCGAGTATCGGGTTAGATTGTGTGCCATCAACCGGTGCACCAGGATTT
ACCACCTCAGACACCCGAATCATCAGCGATCTTTCTGGCAACGAAATCACCAGAGAACCC
GTCACCACGGTTTACGATCCTTACCAAACGTGGTCTGCTCC

>naRXA02849-downstream

TAAAACAAAATGCCCCACCAGAT

>naRXA02856-upstream

GTTAAATCATTTGCCGCCAGAGAAGACCGCGCGGGCGAATTTGGGCTTGGAGGGAAACCA
AACGGCCACTTTTCCAGTCCAACAAAGTATGAGGATTAAT

>naRXA02856

TTGCCCCACGCCAAAGAGCTCGCCACGAGCTGTGTTTGTGGCCACCCCTGCTGTGCC
GCGCTTCCCACTGATTCTGGCGCGCAGTTTGATATCCACCAGGCACTATCCGCCTCCCTT
GCCACCTATGCCCCGAACCTCACCTTGCTGTCCACACCGCCGAGAATTTAGGAAACCGC
GCGCTGACGGGCTCGCTGAAATCGAAGACACCGACGACCAACTCGCACACGCATTGGAG
CGCCTGACA

>naRXA02856-downstream
TGATCGGTCTGATCAGCGCCCTT

>naRXA02858
CCAGAGTGGAAGAAATCAACTCCGGCGACGCGAGCCCGCGTTGTCCCAGACGCCAACGCA
GAGCTCGACATCATCGGCGCACCAGCACTTCTTGCCGATCGCCCTCCTACGCAAACGTC
AAAACCTCTCCCCGATCTTTCGCTGTATGCGCAGCCTCGGCCACGTACCGCTGCCTCC
CCAGTCACCGTGTCTTCTCCTCCACTCCGTGCTCAGCAACGTTGACCGCGGATCCGAG
CACTACTCCGGACCCCAACGGCCTGGGCGAATGGACCTCCGTTGGTCGCGCAGTAGCCACC
AACTGGAACGGCGTTGTGACGCGCTCGACGAAGCCATCACCGTCAAGGAAGTAAACAGC
CTCTTTACCGAAGACGCGCAACCCGCATTCAAGAAGCACAAGCAGCTGTTCAAGCAGCT
CGCGAGGCTGAAGAGCAAATCGCCAAGGAAGAAGCCGAAAAGGTCGACCCTTACGACAAC
TCCCCATGGGCTGCAGCAGGCATCGACCCCATCAAGGTCTCCATCGACGGACGCACCATC
TACACCTGCGCACCCTACCTCGGCGGACAGCCAGTATTCCTCGGAAAATTCGGCGAAATC
TTCACCTTCAACAGCCAAAAATCCCTCCTGCGCTGGCTCGTGAACACGATGACCACGAC
CTCGCCCGCGCTCCACCTGGAGCGACCTCATGCTCGGCATCAACGCCGGTGAAACCGAA
CTCCTCGTCCACAGCGACAACGTCTACTCCTTCAACGGCCTGGTCAAAGACATCAACACC
TCCGTGCGACGCCGTAGACACCCAACAAATGGCCCGCGCCTACGAACCTATGGCAGACACC
GCCGACTGGGCGGACGACGACTCCATGAATTCCTACTTCTGGCCAACCCACGCATGCAG
GACTACATCTCCTACATGCTCGGCGGACGACACCTCCGGATATGTCCCTCACGCACCA
TTCAACGACCACTCTGAGAGCTGGCGCGAGCTGGAGGAGATGCTGATCAAGCGATTGAGC
AAGTTC

>naRXA02858-downstream
TAGGTCGCCTATTTGGGGTTTCGT

>naRXA02862-upstream
GCCGCGACTGCGGGTGCTTTTGGCTGTTGCGTAAAAAATAGTTTTTATTAAGGGCATT
CCTGATTCCCAGGTGGTGCCACATTGTTTATGGTGGAGAT

>naRXA02862
ATGAACACGAACCTTGCCGAACCTATACACCGCATTTGACCTTGATCGAAGTGAATCCTCC
GAAGCTTTAGGTGTTTCCCTTTTGCCCGCGATCTTCGCTTAGAACAATGGGAATTGCC
CAGACGATCCTCGACGTGCCAAACCGTCCAAGCTTTCGCAAGTCTGCGAGTCTGCGAGCCAGCA
AAACGCGCCACCTACGATGCTCAATTAGAAGCTGGAGTTCCACTCACCTGGGCGCAGATT
CAGCATTTAGGAACTTCGGCACCTTGCTTCCACCCCTACTGCGCAGCCGTTTGCGGCA
CCTCAGCCGGAGCCGTGCGCGGAACCGCAACAGCAGTGAATAGCGGACAAAATATGCG
TATGGCAATCCGACCATGGATTACCAAACCTCAGCAGAGCTACAACCCGATGCAGGACCAA
ACCAAGCGTCGATGATGCGCAACCTTTCGCGAACACCCCTGCACCGATGTACAACAGC
AATCAGGTTTTTAACAGGCCTACTGCGGGTACGCGTTTGTGGATGGCGATCCTCGACAGT
ATTTTTGCGGCACTCGCTGGTGGAATTGTCTCCGGTATTTTCGGCTTTGGATCTGAATTC
CTCACCAGTGTATCATGATTTTGGTGCTGATCGTC

>naRXA02867-upstream
TTCAGCACAGATCACCTTTGCCAGCTACCGACTTAGTTTCGTAACACGTATAGTGGGAG
GCGTTTTGCCAGACGCCAAAGAAAGATAATTGGATTACCT

>naRXA02867
ATGAGCGCCACCAACCCTGATGCCCTAGACGTGCAGCAGTCTATCCCATCAAGACGAAA
AAGACTCCACTTGGGGTGATTTTCAACATCATTAGCGGTGGTTTGATTGGAATGGCGGAG
TTGGTGCCAGGAATTTCCGGCGGAACGTGCTGCTTTGGTTCTTGGAATTTATGAGCGCGCA
CTGCACAACGGTGATCTCCTCATTGATCTGATCAAGGTGTTGATCAAGGACCGCTCGAAG

GTTAAGGAAGCTGCGGCGAAAATCGACTGGTGGTTCCTCGGCGCTATCGGCGTTGGCATG
GTCGTGATGGTCTCTCGATGTCATCGATTTTGCATACAGTTGTTGAGGACTACCCAGAG
ATCACTCGCGGTCTGTTCTTGAATGGTTGCCGTGTCTATCCTTGTTCGGTTGGGAATG
ATGGATATGCGGGATGCCAAGAAGCGCCTCGCAATCGTCATCCCGCTATTTATAATCTGC
GCCATGCTGGGATTCTTTGGAACATCCTTCACTAGTGCGCCTCGCACCAGATCCTTCACTG
ATCTTTGTCTTCATCTGTGCTGCGATCGCTGTGTGTGCTCTTGTCTTCTTCTGGTGTTCAG
GATCAC

>naRXA02874

ACCGAACTCAACCGCGACACCCATCACCTGTGGGTGCTCTTAACCACCGACTCCGACGAC
TTCGACGCAGACTCCTTTACCACCGAAGTCATCCGGATCACCGGCTACTCCCGCCACGAA
GTCAACAACGGCCTTAACGCCATGGCCGCGATGACCAACCTCCCACACCTGCGCGCCATC
CAAGAACGCTACTACTTCTGAGCATCCGTACCTCGCCTCCATCATGATCGCCGTGGCC
AAAGCAGACCCCAACCTGTGGGAAGAACTCGACCTGCGCATCACCGACGCCTTAACACCA
GTCACCGCAGGGGAAGTCATGATCCAATCTCCACCTGTCCAACNGCATCGCCNGCCT
GGATCAAAGAACTCGACCCCGAACCACACCCAGAGCCACACCGAAAGAGGACTATGTTT
ACGTCCACACCACTGATGAGGCGACCTATGTCCGCATCAAAATCAGCGGCCCCAACCGCC

>naRXA02874-downstream

TGATCCTCAATGACATCATCAC

>naRXA02876-upstream

AACTGTTGGCATGGCGAAGTACAATGTTTCGTGCAACTGGTCACGTGGAGCGCATCGTCCG
CGAAATCACCGCGCGTAATAGCACCAGCTTAAAAACCTT

>naRXA02876

ATGACATCAGACAAAGACACTGAACAATTGGAAGCGGCAGGCACTGAAATTTAATGCCT
CGCCGCCGTCCGGCAGCAGCGCAGTCGTGAACGATTCAATCGAATCCTCACCGCTGCG
CGTTCAAGTGTCTGCGATCTAGGTTTTGAATCGTTCACGTTTGATGAAGTCGCTAAGCGT
GCAGAGGTACCGATCGGCACGCTGTACCAATTCTTTGCCAATAAGTATGTATTGATCTGC
GAATTGGATCGTGTGGATACCGCAGAAGCTGTGCGGAGTTGAAGAAATTCTCCGATCAG
GTTCTCGGTTGCACTGGCCGGATATCCTTGATGAATTCATTGAGCACTTGGCTAGGCTC
TGGCGCGATGATCCGTCTCGGCGGGCGTGTGGCATGCCATCCAGTCCACGCGGCAACT
CGTGCGACAGCTGCGGCGACGGAAGAGATGCTGGAAATCATCGCGGAAGTTATGCGC
CCGCTTGCCCGCGGTGCCGGCTACGAGGAGCGCATGTCACTGGCGGGATTGCTGGTGCAC
ACGGTAAGTTCCTGCTTAACATATGCCGTGCGTGATGTCAATAGTTCGAAGAGGATTTT
GACAGCATCGTGAAGAAATCAAACGAATGCTGATTTCTTACCTCTTCTCCGTGGCTACT
GGA

>naRXA02876-downstream

TAGTCAACACGCACGTCGCCACC

>naRXA02881-upstream

CTGCCCCGATTTTCATGTTTTCCGACGGCACCATCTGCAAAGAACGAGTGTGACCGGTAGCT
TTATGGGCTGAACAATTCTAAGGAGAATTATCC

>naRXA02881

GTGAAAAAGAAGCTTATGTTGCCTTTGATTGTTGCAGCTTTGGGGTTAAGTGCCTGCAGC
TCCGAACCTGCAGCAGCCCCACTCGAAGCAGAGCCATTACATAACCTGCTCATTGATGGT
TCAGAGTCCGGCTTGGACAATGCCACTGAAGGAAACGACACCTCATTAAGTGGCCAACCC
ATCAATCTTACAGTGGTCAACGGTGCCTTAGATATCGATGGCTCCTGCGGAAAAGCCCTC
CAAGCTGTAGAGGACGTCAATCTGGACAGCGTAGCTAGCGCATCCAGGGCACTGGCATCC
GGCGACAAACAAGTAGGCATCGCCATGTACTCAACCGCCGAAGACAACGACATCTACCA
ATGGACCTCTACGCAGACATCGCGAATGCTTGCGAAGACCCCGTCGTGATTTCTCCGAC
ACCACCTACACCTTCGGCAAACTCGATGATGCTCCCGACGGCGCCGTTGGATTACCCCTC
GACATTGAAGTCAACCTTGACAATCAAGGCTCCACCGTGATGATGATCCAAGAATTAGGA
AACCACCACATCATCGTCGAGGACTTGAAACCACCCCAAGAAACCGCCACTGTCTTC
GAAGCACAACGCACCAAACTCGAAGAAGGCTTGACGCTTAAACAGAATTGGCAGCTTGGG
TGGGTT

>naRXA02881-downstream
TAAATGCGCCCAACCTAAGAAAA

>naRXA02884-upstream
GCGATGCTCGAACGCGCAGAACGCTCCTGGGTAGACAAAGCCGCTGCATACGATTGCGC
TGGTCAGATCACTCACCAGTGAAGTGATCTACTCCTAAA

>naRXA02884
ATGCTGCTGACAATTCTATGGGCCATCGGCATCACCGCCGAAGGCATGACAGGCGCGCTG
GCCGAGGCCGACAAAAATGGATCTCTTCGGAGTATCCGTCATCGCATGCGTTACCGCG
ATCGGCGGCGGATCCATCCGCGACATGCTGCTGGGACATTACCGCTGGTGTGGGTGGAA
AAGCCACTGTATCTACTGCTGATCATTGGCGCAGCCATTTTGACAGTGTCCATTTCTTTC
CTGATGGAGCACTTCCGTGTGTTGTTCTCTGCTCGACGCCGTGGGTCTTTCTGCATTG
GCTGTGATCGGCACAAAAATCGCACTGGAAATGGGCTACGGATTTCATCATCGCAGTAGTG
GCATCAGTGCTCACAGGTGTATTGCGCGGCGTCATGCGTGACCTTTTGTGTGACCGCATC
CCACTGGTATTTCAAAAAGAGCTCTACGCATCAATCGCATTC

>naRXA02885
CGAGGTAAAGGATTCCACTTCACCTCGACTGAGTTTGCCGGTTCTTATTCTTTGGTCACC
AATGGTCTTAACGATGTTGCTGGCGAATACGTCGGTGTCATGCGTGGCGATGTCAACAAC
TCCGCTGTGCTTTTTGATGTGGATCGCTGGTCCGGACATGTGCTATGCGCAGATAGCTCG
ATTAATACATCACCCTACTTAAGCGTCCCCGTGTCGTTGACATGTGGGGTTCGAAGATT
TCTCAGGCAGCGCTACTGAATAACCGTCGCGTAGTGACCTGGTGCTCAATGGTGCCAAG
CTCGATGAAATGGGACCAAAGCTAGAATCCATGACCGCTCATGTGGATATGACTAGCGGA
GATCTCAACATGTTGAGCTGTTTGGTAAGCAAGAAGATGAGCTGTCGCTGTATTCCACA
CACATGGACAAAATCGTGTTTATGACCGAGCAGGCATTGGGCGATAAGACCTCTGAGCTG
GCGCTATTGCGCGGAAAGCTCAAAGAAATTATTACAGCCTTTTATGTGGATATGAAAATG
TGGGCTCTTAATGCCGGTGAAAACCGTGACAAGCTGCGTCTTGTGGTGTGCCTCATGAG
CAGATCCCCTGTGCTCTCTGCTTTCGTGTCCTATTTGGATCAAGAATATGAGCGCCAGAAA
TATGAGGGAACCAAAGACCCTGAAATGTTTCGTGCCATTTCTGTGCTGCGACTGACCTAT
AAGGATTTGCTCGATACTCATGGCGATCTGTTTAATCAGCACACGGCAGATGGCATTGAT
TCTGTGAACCTCTGCACGCCCGGTGATCTATGATTTTCTGGAGTGCTGCGACGTGGCGCA
GGTGTGCGGATGGCACAGCTGGTTAACGTGATTGGTTTTGCTGTGGAGACGCTTGGTCAA
GGCGATGTGGTCATCATTCACGGTGCTGATGGCATTGTCGATGTTGATGTTTACAGGATTAT
TTGGCTAATCAGTTCGCATATATGGCTGAGCGTGGTGGGCGAGTGGCGTATCTCTACAGC
TCGATGGACGCGATGCTTGGCACTGTTGGCTTCAATCAATTCCAACGTGCTGCGTACACC
ATTTTGGGCCCCGATGAACGTTGACTCGGTGGATACTTATCAATCTCTGATTAATAGTCAG
ATCCCGATGGACTTGGCACGGTTGGTGACAACGCAGAAATCTGGTGCGAGCTATTTGCGC
CGAGGATCTACCAATGTGGTGTGTTGAAACCAACCTTGGCTTGGGCGTTAATCCTTATATG
GAGCAGCGTCGCAAGATTGAAGCACAGCGAGGTGAGCGACGATCCAAGCGAGACAAGCAC
TACGGTGGTGGCAGCAGATGGTGGGCACAGCGGATCTTGATGTTGTGCAATTACGGCG
AAGGCCGAGCACCGCGAAGAGCGCTTTGATGAGAAATCTGCGCGCAAGATGAAGGAGCTT
GATGATGTAGAAGCGAAAGAACTAGCTTTGAAAACCTGGGCCGAAGAATCTTGATGATGCG
CTTGACAGGTGGAGAAGAAGCGCCTGGCGAAGCGG

>naRXA02885-downstream
TAGTTGTTGGCTGTGGTGAATAA

>naRXA02888-upstream
AAGGTACGCCGATTTTCGGTCAGTCAGCAACTAATTACGCTTATCTTCCGTGTACGATAG
ACCGTAGTTAACATAAGGAATGGAATAGGAGAATTGCGGC

>naRXA02888
ATGTATTCCGACAAGCTGATTCTCTTGTTCCTTTCTGAGCAGGATTCAAGCTATGAATGC
TGCGTAGGTTTATTAGATGGCTCAGATGGACGTGATTATATTGAAAAGCTTCTGAAGGGT
AGGAAGCTGAAGAACCATTTTCTTGAATGGGAAGATATTAACAAGGCTGATGTTGCTCGT
GAAGAAATATATAAAGGGCAATTGGTGCATCTGGTGTGTTGTGACGGCTCTTCCACGCCT
GGTGAAATTTCTTTTGTGTTTCCAGGTCAATCTTATGAGTGCAACACTCGAAGAAGAC

TTTGCTGCGCTTGTGCTCGAAGAGGAGCGCACATCATTTAGACCTGAACTGTCTCACCTG
TGGTCACTCCCCGTAGGGTGGGTAGCTCCGGGGCTTGAGGGTTTCGTGGAGCGTAATTCC
GAGGCAGCT

>naRXA02888-downstream
TGAACCACCGCTTCTGAGCCGG

>naRXA02892-upstream
ACCGAGGAAGTGAAGGAAAATGTAGGTGTCGGGGCTTAGAGAAACAAAAAGGCTGCTAC
GCGGACAGCATTGTACGTGCTGCTGCGGAGATCGCCTTG

>naRXA02892
ATGGAAGGCCCTGAGGCGTTCACGGTTGCGGCCATTGCAGCTGCAGCCGGGGTCTCCCC
AGGACTTTTCATAACTACTTCCCTTCTCGGGAAGACGCATTGGTGCAATTGTGGTCATT
CGCGTTTCAGGAACACGGATCAGCTATACGAGTTTCTACAAGCGTGCCCCACGAGAT
GCCATTGAACAATTGGTGATAAACCAATTGCGGGATGGCGATGACGCTATGGATTCTTTC
AGCGCAATGTTTCGAATCGGTGAGATCCTTGAAAATCTTGACCCCATCAAGTGTTATC
GATAAGGAGCGACTCATTGCTCCGTTGCTTGAGTTTCATGGTTGAACGTGACAAAGACCTT
GACAAGTTTCGATGCGGCAACTCTGATCCATTTCATGCAGCGGCAATTGCAACCTCGCTG
CATACGTTTTACCAAGCTTCCGAGCCCCGGGACATAGAAGATGGAGTCGCATTGATCCGT
CGGGCATGCGCTGGATTAAAGAA

>naRXA02892-downstream
TAAAAATTGTGGCGTGTGAACCT

>naRXA02898-upstream
CACCTGAATTGGCTGAGGGAGAGGCACCGACTGGCACCGAAGAGGTGCTTGCCTCGAAGG
CGGGCGCTGAGGCGAATGGCCTGGAGTAGGGGACCAGATC

>naRXA02898
TTGGTCGTGGACTCCAGTGCGCGCTACAACGTCACCATCACAGGCCTGACCACCACTGAG
ACGGATTTCGGCCACCGCGCTGAACCTGCAGATGTCGGAAGCTGGCTACCTGGAGCGTTAC
ACCGACGGGGCTACCGTCCCCAGCGTCATGCTGTCGGCTGCAGATGGCACCCACGCCTCAA
GAGCTTGTGACGCCCTCGCTGCCGAACCTGGATCGAACTTTGATGTAGAAACCGGCGAA
GCGCTAGTCGAGCAGGCTACAGGAATGATCACGCAGGCCTTGAGCTTCGTGCAGTACTTC
CTCGTTGCCCTTCGGTCTCATTGCACTGCTGGTTGGTACCTTCATCATCGCGAATACCTTC
TCCATGATTGTGGCTCAGCGCATGCGTGAGTTGCTCTCCTGCGAGCCCTGGGTGCGGCG
CCAGGACAGATCACTCGCTCTGTGGTGCTGGAAGCAACCATCGTTGGCCTCTTCGGCTCT
GCTCTTGGTGCTGGGTGGTATGGGCCTCGTAGCGATCATTTACAGCTGTCTCAATAAC
CTGGGCATGCCGATGGGATCCAGCGTTGGCTTGACTCCTTCTGCAGTGGTTACCGCGCTC
GTATTGGGCACCGTTGTCAACATTGTGAGCGGTGGGCTCCGGCTCGTCGTGCAGGTGAG
GTTAAGCCTGTTGAAGCGATGCGCAACATGGAACCAACCACTATGCGTTCCATGATGGGG
CGCACGATCACCGGTGGCATCGTTCTAGCACTCGGCATCATCTTGGCATTGCCGGTGCG
ATGATGACTGATTCTTCCACCGCTACTCGTTCCATCCTGGTGGGCATTGGTGCACTGTTT
GTCATCGTGGGTACGTTCTCTTCTCACCAGCGCTCTCCATGCCTGTGGTGGGTGGCCTG
GGCAAGGTTATCGGTGCACCGTTTGGCAGCGTTGGAAGCCTTGCTGCGACCAACTCCAAG
CGAAACCCCTCGCCGTACCGCAACTACAGCGTTTCGCACTGACGTTGGGCATTGCCTTAGTG
ACTGCAATTGGCATGCTTTCTGCAACCATGAAGGACGCAGTCTCCGACATGATGGCGGAG
CAGTACACCGCAGATTACATCCTGCAGGGACCAACCAACGGTTCCATCACCATGCCGAAG
GAATCTGTCAATGATGTTTCGCGATGCTGAGGGCGTTGCCGATGTCGTGCTCGTTTCCATG
AACTCTGCCTCGGTGAACGGTCAGGCTTCATACAGCCAGCTGGGCCAGTCTGTAACCTTT
GTCGCTGACGGCGACCTGAGCAAGGTCATCAGCACAGAAAGCATTGATGGCTCCCTCGAC
TTGAGCAACCCAGGTGTTGTGACTAACCAGACGTTTGTGATGAAAACGGCTGGGCAGTA
GGCGATACTCTGCAGCTTGAATCAATGGGGCAGACCATCGGCGATATCGAGTTGATCGGT
ACCTTCACCGGAAACGACGCCATCGGAAATATGATCATCTCCGAAAGTTCTTGGCTGAT
ACACCAGCGGCAGACACTGCTGTTTCTCAGATGATGCTGGTGGTAGGCGAAGAGGCTTT
GATAAGGAACAACCTGCGCACCAACTTGAAGACGCAGTCGCTGATTACATTGTTCATCTCT
GTGAAA

>naRXA02899-upstream

GTGTCATTTTCTTGGCGGACGGTCGTATCGTGAACCAAGTTGTTTGATCCCACCATCGAGG
AAATCTTGGCCACGATGAACGGAATTGAGGATATTGCCTA

>naRXA02899

ATGAATCCGGTTCCACAATGCGCAGAATCAGTCTGCGCAATATTGGCGCGCACAAAGGTC
AGGCTGTTTTTGGACAGTTCTGGCAGTGGTGTCTGGCACGTCTTTTGTTFCEGGECEGATG
ATGTTTACCAACGCGCTGTCTCCACTTTTGATGAGGCTATTGCCAGCAGCTTTGACGGC
GTGGATGTGGTGGTTTACCAAACGGTGCATCAGAGGTGCAGGGTGTTCCTGTTGAGACG
GTTGAATCTTTGCGTGAGGATTCCCGCATCAACCATCTCAACATCAACGGTTCACGACT
GTCGTTCTGGCGGATGCTGATTCCAAGGCAATTCAAACGACTGGGGGATCGTCGTTAAGC
ATTTATTACAGCGCGGACGACGCGGTGCCCAGGCACCTGAATTGGCTGAGGGAGAGGCA
CCGACTGGCACCGAAGAGGTGCTTGCCTCGAAGGCGGGCGCTGAGGCGAATGGCCTGGAG

>naRXA02899-downstream

TAGGGGACCAGATCTTGGTCTGTG

>naRXA02905-upstream

CGAAACATCTAGGCAACCCGACTTTTATGTCCCTGCTTGAGTTGAAAACGCTGTGTCGATC
AAAGGTGCCCCAATTGTTTCATGCCGTGAGTTTGCATTA

>naRXA02905

ATTGACTCCGTAAATGTCTGCTCATTGGCATAATCGTCGCGATTGCTGCTTTGCTGCCT
CGCAAGGGTAAATATGGGCCAATCGCCACGCTACTGGTTGCCGGCGATTGGCTTGGCGTT
TTCCTCCTCAGTATTTTGGTGATGCTCGTTTTTGGATGGACTAGAGGATTTAGTTCAGGGC
TTTTTGGATTCAATCTGGTTCGGAGTCATCCTTCTGTAACTGGCATCGTTTCCTTCGTT
GCGACACTGGTTTCTAAAACCGACAGCACTAGAAAGCTTGATGGATTCTAGCGCCAGTA
AAAACCTCTAGTTGAAAACGCTGTGGAGCCGATTGATCCTTGAATCGTTCAGTCAGCG
ACATCTGTACCTTTTTATGCAGGGCTTGGATATTTGAGCGTTGGCAATTTCACTCCAGAA
ATTAGGTATGGCGGACTTGTGGTCTATGCGACCTTGGCTCTGAGTCTGCCGATT

>naRXN00022-upstream

AGGACTGCTCCGCAAAACCTCTAACAACACCTGCTACTCCCCCTGCAGCGCCGGTCAACCC
CACACCACCCACCCCTTAACAACCACAAGAAAGATTTATC

>naRXN00022

ATGTCCGCTCCAACCATCTACCCCGGCACCAAAACATCTATTGATCCGATCACCATGGAT
GACGCTCGCATCATCTTTTTCGATATTGAGTCGCTCCACAATATTTTACGGTAGCAACC
TACGATTCTCTGTCCCAACACGTCGATGTCTTTTACCTGCTCGATCACACAACAGCCCT
CAGATCACGGTGCTGCCGCACTCAATGGATTATTTTCGATCAAACGCGCAGCGATGCTGTT
ATGGCTGCCATCATTTAGCAAAACCCCTGCGTTGCGCAGAAATTAAGGCTCACCCATTACA
ACCGCAGATGTAGCCCTCCACAATCTCGGTGACACCAACGCCAACCGACGCTGGCAGTCT
AACGTGCTGCTTGCCCGGCTACTCGGGGTATTAGTGTGCGCGGAGAGGTACCTGAGCAC
CAGAGCCACAACCATCTCGCCAAGCAGTTTGCCGAGGCAACCTTGGTCACCAGGGACTTC
GATGTGAATTATGATCCAACAAGCGCTCACCCCTTTTACTGCTGGCTTCAACTCGATCAAC
TATGACACCACCTTGCTCAGCCTGTACTTCGCAATGTTGACCTCAAATATCGGAAGTACA
CCGACGTATTTCCCGGTGATCACCGCACAGGAACTTCGTGCGCATAACGACAAGCTCTTT
AGCCCTGAGTTTCATCAAAAACATGCCAAAGTATCTCTGGGATCGCGACAGCGGTGCTGGA
CTCAGAGCTGCATCGGGTTTCCGCAACGCCATGCTCAAATCGGGTCGCCACATTGATATT
CAACGCCTCAATGAAAAACAGCTCTTTGTTGGACTCAAGCGCCTGCTTGGTCTCCTCGGT
CACCAGATTCTCGAATCTGATCGTCTCTCTGGTGATGATGCCCATTGTTGATACTAACGAG
GATGTACTTGATCTCATTGCCTACAACGTCTCAGACGTGGTGGGCACCAGACTGCTCGCT
GAGGACCCGGTGTACTCCGGCTCTTTTCGATCTGCGGGCAGGTCTACTGAGCACCTACCCA
GAGACTGTTTTTTCATGATGATGGTACTTTCCGTGAGCCATCCACGCAGATGCGTAAAGAT
CGCCTAACGATTAACTCATCAGCTCAGTTCCGACGCGGTATTTTGGCGCCATATCGC
CCACTCCGCGATGTCCTGATGCGATTGGCGACATGCCGGTGGTGTCTTACTTGTACCCG
GATGCAGCAGTCGCCGAAGCAACAGGTCAAAAACAAGTCAACGTGCTTGATGAGTCAAAG
AAGTTCTTCTATGACAACATCACCGACCCGGAAGCACGTGCTGCCTTTGATGAGGTCTTT
GCTTTTTACGCTGATTTGAGGGTCGCAACTTCAACAGTCACAATGAGGCTATTGATACC
CAGATTAACCAATTACGTGCTTATCTCAACCAGGTTGTGCGATTTCGATGCAGCTGGGTAT

GCGCTCTATGATGTACGTACACGTTTTGAGCAGATCTTCCCCAAGGATCGCAGCTACATC
AACGATGCTACGGATATGACCCCTCGCGCAGTATCGAGCTTTGACGATCTGGTTGCACTC
TGTGATGATATTGCGGGTGTACTTGATCGAGGTTAGAGATCTCATCTCCGAATCATCAT
GAGATGGTGGATGCTATGCGCAAGCAGCTGCACTATATTAGGCATTTTACCGTGCCTGG
GACCCATCAACGCCGCTTCAA

>naRXN00022-downstream
TGACGCTGACCCAGCGGTGACCC

>naRXN00027-upstream
TTAGGCAACGACTCCGAAACCTTCAAGAACGTGTGGCACTAACAATTGCGGACTATCCTT
GGGAAGTGTTTAGATTTTATTAGGGTAGGGAGATTGTT

>naRXN00027
GTGGATGAACGAAGCCGGTTTGCGCGCAGCGTTTTCCCGACGGTGAAGAACCAGATCCA
CGTTTCACTTTGGCCAATGAGCGCACGTTTCTAGCATGGACGCGTACGTCTTTGGCGTTT
CTTGCCGGTGGTATTGCTTTTGAGGCGTTCCAGATCAGTGGACTATCGGATACTGTCCGT
ACAACAATCGCGGTTTTTATCATTGCGGTTGGCATGATCATTGCCGCTGGTGTGCGGTG
AGGTGGATGAATGTGGAGCGTGCAATGCGTAAACAGAAGCCACTTCCCGTACCTGCGATT
ATTCCGTTTCTGTCTATTGCGGCTTTGGTGGCCTCTGCGGCTGTCTTGGTTCTGATTATT
GTTTCAAG

>naRXN00027-downstream
TAGCTATGCGCATTCATGAGGAT

>naRXN00028-upstream
AAAAGTCTGCGCCAGAAACTCTCTATACTGTGCAGCATGGCACCAACGATCACCGACAT
CCATGTTCTGCTTCGTGCGGGTGAAGCGACAATCAGTGATC

>naRXN00028
ATGACCCCTCACTGCCTCTTCTTGGAGGCCGGGAAAATGTCTTTTAGTGGCGGGTATATC
GTGGGCGAGACGATGATCTTCTCGTCGATCCCGATGAAGTCGAGATACGACGCGAGCCCT
AACAGCCTCCACGTCCTGCGTAACGGTAGCGATATTCTGCGCCGCAACGAGCATCATTGC
TGGGTATTTGAGAATTTCAATAAACCCATTGAACCCACCTGTTGATTTGGGTCTCGGGAT
ATCATCTGCCCCGAGCGCCTTGGCCTGGGTTCTTCAACAGCATTCCATCTCCCGGTCTTA
TCCCACCACCTTACGCGGATAAGATCACTGCGGGAGAGATTGCTGGACGCCCCACCTGG
ATCCTCCGTGAGGAACCTACTTCAAGAGGGCAGGACCCAAAGTCGATTGGTCAGTCTTGAA
ATCGACCAGGAACACGGTGTATCTTGCAGTGGAGACTGGACAAGAACGACTCGAAGCC
ACGGAGATTTCTTTCTGACACTCTTCTTAATCCTTCTTGGGACGGAGCCTGGGAACCA
TTCCATTATCCAGATTCGACACCACACTGCCCCCTGATGTTGCTGAAATACCCGGTTAC
ATTAGTCACTGCGCGCGCAGTCTGAAGATCCTCGCAGACTACGAGTCTTCGTCAATGAG
ATAGCACTCGAAGGTGATTTCCCTGACTACCGTCAAGGACAATCTGTGCGACTTACTTTG
GGAATTAGCTCTCCCTGTGCCACTCGAAGGAATGACAACCAGACGCCGGGGCCGGGTA
CGCAACCTTGGGGAAGAAGCTAGTCCAGGCGATGACGGTATGCCCCAGTGGCCAATCCTG
CTCACTGGTGTATGGGTGGACGGCGCTGGCCTACACTCCCATCCCAAACGTGGAGATGCA
GAGATCCAGGGGTGGTTTATTATTCCGCCTACGAATTGTTGATGTTCCACAGATCTA
CGGGTAGAGCGTATTTTCGCTGGTATCGGCACAAGTGGCACCAACGAGCGTTTGTGGCAG
GAGATAGACAATACTTCTTCGGCTTATCACTCGGAAGATTGGTGGATCCGCGATGTCGTT
TTAGACGTCACGTTGGATGGAGCTGTTCCGCCCTCCGCTTAGACGTGACGTCTTCACTGCT
GTCGATCCTATTGTGGCGGGTGACAAATTGTGGCTGTGTGACGTGCACTTTCCGGTAGCC
CGCTGCTGGGAGACCACGACCGGCCGATACTTGGGGCAGACTTTAGTCCCAGCACCCTG
CGAGATCGATCGTACGTCTTGAAGTGCACAGCGACCAACAATTAGGAGCCGTAGCGGCA
AGTGGGAAGAGTGGTTGGATTCTCACACCTGGTCAAGCAGTAGCCACTAAAGCTCCTGAT
TGGACTCCTCCACCCGGGCAACCGATCTGCCTCAGGTCCCCCTCCCCCTGGGAGATCGTC
GCTGTCCGTGGCCAAGGTCTGTTTGAAGTGCAGGTGGAAGTGTAGACGCACCGCCCTC
GGTCGAGTTAATGCGACCGGTGGCGTGCACATCGGTGAACTCCCGCCCAACGGCTATACC
ATCAGTTCTGTGGTTGAGATCGGTGATGAATACATCGTGGGCAGGTGGGTAGAGGAATAC
CGGCTCAACTCCAACTGGAGGTCAATTTCTACCAAAGAGCTAGATATCTCCGCATCCGGA
TGAAGAGCAAGGGGACGGTTGCTTATCTGTCGGAAGACACTCACATATGTTTCTTCGAC
CAGGTCAGCGGGGCGAGCTTCCAGCCTGGGTATCGCCGAGGGACACCAGGGCGAGGTT
ATGTCAGCAACTTCTTCAGAGAGCATCGTGCTTATCTACCGGCGCAACCCGAACAATTCA

ATGTCGATTGTCCCGACTTCCGTTGCCACCTATGACAATGGCACCTGGACGACTATGCCG
CTACAGGAAGCTCCAGCGGAACTGTCC

>naRXN00028-downstream
TAAACTGCTCATAGACTGCTGAG

>naRXN00033-upstream
ACACGGATTTAACGTGACGGTTTCTCAGTGTTTTAGCTTCTGGCTTTTGGCTTCTGATG
CTTTAGCGCTGGACTCAACATTTAAACAAAGGTGAACAC

>naRXN00033
ATGTCAGTACAGCAAAGCGGGTTGCTCGAACGTCTCGGCATTCCCCGACCCTTGATTTTC
GGATTTATCGGCCTCACCATTCTCATGATCGGTGACGGTGTGAAACCAACATTTTGAA
CCTTTCTCAGTTCGGAACATGGTTTCAGCGTTTCCCTCGCGGGAACCCTGGTGACTGTT
TACGGTGTTGCCGTGGCGATCGCAGCATTCTTCGCGCGGCACTTTCGGACCTGTGGGGT
CCACGAAAAGTGATGATCCTCGGTGCTTCAATCTGGATCGTCTTTGAGCTGATCTTCCTC
ACCGTGGCACTGACCACCGACCATACTTGGTTGATCTTCCTTGCTTATGGTCTCCGCGGC
TTTGTTTATCCATTCTTCGCCTACGGATTCTTGGTGTGGATCACCGBAACTGCCTCACCT
AAGCAATTGGGTACCGGTGTGGGTGGTTCACGTGCTTCTCTGCAGGTCTTCCTACC
TTGGGTGCGCTGGTTGCCACCATTTCATGCAGTACGTGAACCTTGACCTTCTATGAAACG
TTGTGGGTTTCCCTCGTGCTGGTGGTTCATCGGATCGCTCATCGCACTGCTGGGAGTGAAG
GAACGTGCGGACGCCACCCACTGGTTGCCAACCCCGACGATGTGAAGCAAACACTTGGC
CAGGGCTTCAAACCTCTGCGCAATGATCGACGTGCAGTTCCTTGTACCTACATCCGCACC
ATCAACTCCATTTCGACCTACGCGATGGCTGTGTTCTTCCCATCATTTTTCACTGACGAT
CTGAAGTGGCAGCTAAGCTGGTTCTCATCCTCACCCTGTAATTTACGCAGTCAACCTG
CCGTTCAATCCTTTCTTCGGTAGCTTCGGCGACCGCCACGGTTGGGCACGAACTGTGTTT
TGGGGCGGATCAATCGGTGGCGCAGTCAACCTCGCGTTGGTTTACTTCATTCCGATGTTT
GGCGTTTCAAGCTGGCATGTCCAACGGTGTGCTTTTCGGAATCACCATCGCAGCCGGCGCA
CTCTTTGGTGTGTCCTCGCGGGCTTCGTGCCACTTTCGCAATCGCTGTCTCCCTTGAT
CCCAAGCACCCCGCGCAGCGATGGCCACATACAACCTCGGCGTTGGTGGCGCTGTAGCT
GTGGGACCGCTCCTGGTTGCAGTCTTCCACCCACTGATTGGTCCAACCGGATTGATCCTG
GTCATGATCGCCCTTACCTGCTCTCCGGTTGGATGACTCTTCAACTTCGCGGCACCCAA
CCAGGATTCGACGGAGTGCCAGCACTTGCTGAAGACGCCACATCGAAGACCTTGCAGAT
GTAAACGCAAACGCC

>naRXN00033-downstream
TAACTGTTTTTCGAGCTAAACCC

>naRXN00056-upstream
ATATGAATTTAATAATAGATTCCGAACGAAATCGGTGTTAGCGTCTGTGCTGAAACAATC
TAATCGCGTTTCAGGACACCTACATGATCAGGAGCTCTTT

>naRXN00056
TTGTTAAACAGAGTCAGTCGTATTGCAGGCGCTTCTGCAATCACACTATGCATCGGCTTA
ACCACAATACTAAGCCCTACTTCCACTGCACAAAGCCTCGAACAGATCACCCCTTACCT
GAATCTGCAATCGACCTCAACGCCGAGATTACGTAACACAAGCGACATTTAGCTGAA
CAGATCCTTGGTGCTCAAGATGAAATCACAACATGTACGATTCTCATGACCCCTACGAG
TACTTCGATACCTCACCAGCATCGAACAGCGTTCAATAATAGCAGCGCTTAAACGGGAT
CCGAGTTCACTCAACAACGCCAAGAAACCCGTCTCGCGGCACAGTCCGACCCCTACAAA
ATTTACATATCAGGCTCGAAATGCTTTCATGCATCAATCTAGTTGATGTTGTATCATGC
GGGATTGCAAACCAAGCAGCAACCAAGCAAATAATGAGGCTGTGCGACGATACCCAGGC
GATTCCCTTCGCAACGGCAAAGGCGATGCATTTCCGCATTGCTCATGGAACGCTCTGATG
ACGATACGAATCGGGAGCAATGGAGCTGAAAGAATTGCAACAAACCACGAGACAATCGGG
GACGGTCCGGCCGATGAAAATGCAATGGACCTATTCAATAATGCACAAGGCCGACAGATC
GGAGCCGGATTCAATTAATAGTAAGGATGAACTAGCGCGCTCGCGATATGCGCGCTGTGG
ACAAATCTCGGTAGACTAAAACTCTAAAA

>naRXN00056-downstream
TAAGCAAGGTGCCCTCTGATGCT

>naRXN00067-upstream
GGAATCCCGCATGTTGGGCTCCAGTTGGGGACTGACTCTGTTTTGATCATTTTGACGCC
AATCATTATTTTCCTCACTTTTCAGCTAAAAGGACCATGCA

>naRXN00067
ATGGTAGACGCTACGCGCCCCAAAGCAGGCATCTTCGGTAGCCACACAGAAGAAACATGG
GTGTGGCTCGGTAATGAACTTTTTCGACGAGTCCGGCGAGGTCATCGCCGACGTTTCGCTCC
GACGTCCTCTACGTGGATCGCGAACGACTACTCATCGAATCCACCCCGGCACCATGCGT
TTTCGTTGCCGCGCAACACTGTCCGGGGTGAGGTCTATACGATGACTCAGAATTCCTTC
ACTGTGGGGGATCTCACTGCGGTGTGCGGGCGCCGACGTATTCACTAAAAAGGGTGTCG
CCGTGGCGTAAGAAGCGCTGATCACCACAAATGGGGTGGAAGTGGCGCGCTTCGCCCCG
ATGACCAGCGGTAAAGTCGAATTCATTGTGGGCACCGCGGGCAGCGAGGCGTTGCCGTTT
GTCGACGCAGTATTTTGTAGCTGGGCGTGCCTGGTGGATTTCGGCCGTGCGCCGGCCG
AAAATT

>naRXN00067-downstream
TAAAAGCTTTTGTCTTATCGACG

>naRXN00077-upstream
CTAAATTGTTTTAACGCGTGAAGCAGTCCCCGCCGATTTATTTCGAGGCGGGGACTTTTCG
CTTTCCGGGATAAAAATTGCAACGCACTACACTGAGCAGT

>naRXN00077
ATGAATGATGAGAATATTTCAAAGCTCCAATATCAGCCATTCCCAGTTTTGACGATTGG
AAACAGATCGAGGTGTCGCTCTTAGATGTCATCGAATCCTCACGCCATTTTCTGATTTG
AAAGATAGCACTGATCGTTCTGCGTTAGATGCTGCGCTAGAGAGAGCAAAAAGAGCTGCC
GCAGTTGATACCAATGCCATAGAAGGAATCTTCCAACTGATCGCGTTTTACCCATACA
GTTGCAACGCAGGTAGGGGCTTGGGAGCAACAAATGGCGATGAAAGGCAAACATGTTAAG
CCTGCGTTTGACGATACTCTAGAAGGCTTTGAGTATGTTCTCGATGCAGTAACTGGTAGA
ACTCCAATCTCTACGAATGGATTAGAAATTTGCACGCCGTCTTCTGCGGAGCCAAGAA
AGCCACGAGGTTTTTACAGCCGTTGGAGTCCAAAATCAGGCGCTTCAGAAAGGCGAGTAT
AAAACCTCAGCCAAATAGTCCACAGCGCTCAGATGGATCTGTACATGCATACGCCCCAGTT
GAAGATACTCTGCTGAAATGGCTAGATTTATTTCAGAACTTGAATCTAAGGAATTCCTTA
GCAGCCGAGAAGGTTATTCAAGCTGCCTATGCCCACTATGCTTTTCGTATGTATTCATCCT
TTTGAGATGGGAATGGACGAGTTGCACGAGCCTTGGCTAGTGTTTTTCTATACAAAGAT
CCTGGTGTCCCTCTCGTAATCTACCAAGATCAACGCAGAGATTACATCCATGCTCTAGAA
GCAGCGGACAAGAATAACCCGCTCCTGCTGATTAGATCTTTGCTGAACGAGTGACCGAT
ACTATTAACCTCTATTATCGTTGATCTCACTACCCCGATCGCGGGTAAATCTGGTTCGGCT
AAGCTTTTCGGATGCGCTACGCCCCACTCGCGTATTACCAGAATTACATGATGCTGCACAT
AGGCTCCAAGAAAGTTTATTTACAGAAATCCGATCTCGATTGGATGAAGAAGGAAAAAGG
AATGGGTGGAGTTTCTACTTCAACGGATTTTATCGGTTCCCCATTCAATCTGCCAGAG
GGCTATAACGCTTTCCCTGATAGCTATTGTCTGACCTTAGCTTTCAATAGCAACTCTCCA
AAACAAATCTTCCACCCGCTATCCATAGTAATAGCAGCTCGAGATGGGAAAAGAGCGAGC
AGCGACCTCGTGGCAGCTACTTCTATTGGATACAACCTTTCACGCTTACGGACGTGAAGTC
GAGCCTGTTGTTACTGAAAGCTTTTCGAGAACGTGTGAAAATTTACGCCGACGGGATTGTA
GATCACTTCTTAACCGAACTGGCTAAAAAGTTTCAACAGAAT

>naRXN00077-downstream
TAATTAGCCTATCTCGGCTTTTCG

>naRXN00080-upstream
ATGTTCTTGTTTTCCCTCATGATGAGCTCCGTGGTCTACCTCGCATTCGATGTGGGCTTGG
GACTTAATCTTCCCTCCGACTTTTGGGTGGTGGCTTTTA

>naRXN00080
ATGGATATTTTGTCCCTCTTGATGGAAGGTTTCGCCGGCGCGCTAACGCCGATGAACCTC
CTCTGGGTGATTGTGCGCTGTTTGTCTCGGCACCGCGGTTGGCGTCATGCCTGGTCTTGA
TCCTCCATGGCTGTGGCGCTGCTGCTGCCAATGACCTTCGCGCTTGATCCAACGCGCG
TTCATTATGTTCTCTGGCGTATATTTCCGTGGTCTCTTCGGTGAATCCACGATGGCAATT
TTGATGAACACCCAGGTCAGGCATCGGCAATCGCTCAACATTTCGAGGGCCACCGCATG

GCTCTTAACGGCCGTGCGCCACAGGCTCTGGCTACCGCAGCGATCGGTGCCTTCATCGGC
GGTATCGTCTCCTCCTTCATCGTGGTCTTCTCGCACCAACCCTGGCGGAACTGTCCACC
GCATTGGGCCCCGCCGAGTACTTCGCACTGGCACTCTTCGCGTTCGTCGCCACCTCCTCC
GTGGTGTCCGACTCCGTGTTTAAGGGACTTGGTCCCTCATTTTCGGCCTCGGCATTGCG
ACCATCGGCATCGATTGCGTCACCGCATCGAGCGCTTCACGCTCGGGGCACCGCAGCTT
TTCGACGGAATTTCCCTCGTTACTGTTACCGTCGCGATTTTGGCACTGGGAGAAGTGTTT
TACATTGCAGCCCGCGCACGCCGTGACAAAGCAAATCTGGAGACGCGCTCTGCAGGCCGT
CCGTGGCTTACCGGAACGGAATTCAAAGAAGCCGCTCCAGCCTGGGCACGCGGAACCATC
ATTGGTCTGCCTTTCCGTGTGATCCCTGTTGGTGGATCTGAAGTTCCAACCTTCTGGCT
TACTCCACCGAGCGCGCATTGGATAAACGACGCAAAGATCCGCAGTTCGGCGATAAAGGT
GCAATCCGAGGACTCGCTGCTCCTGAAGCTGCAGGTAACGCCACCACAGGCATGGCGATG
GGCGCTCTTCTTGCCCTGGGTCTCCAGTCTCTGCAACTGCGGCCATCATGTTGGCAGCG
TTCCGCCAGTACGGAATCCAGCCCGGACCACTACTCTTCGATCGCAACCCTGAACTTGTC
TGGGCACTTCTTGCCAGCTTCTTCATCGCGATGATCGTCTGCTGTTTCATCAACCTGCCG
TTCGCACAGCTGTGGGCAAAGCTCCTGCTCATTCCAAACCACTACCTCTACTCCGGCATC
GCATTGTTCTGTGGCCTGGGCATTTACGCCACCTCCGGCGCAGTGTTTCGACCTGCTCATG
CTGCTCGGCATCGGTGTGCTGGCTTTGATCATGCGTCTGCTACGGTTACCCGCTGGCACCG
CTGATGATCGGTATGGTTCTTGACCTTTGGCTGAAACCTCCCTCCGCGACGCACTACTG
TCCTCGGTTGGCGATTCTCCATCCTCGTCTCCAGCCCCATCACCTGGTCTCTCTACGCA
GTGCTCGCCATCTTCATCGCGGTGAGTGTCTCATCTGCAATCCGCGGTCTGCGCAAGCAC
CTGACTTCTCAGCTCGAAACCATCGACGCT

>naRXN00080-downstream
TAAAGTCCCCGTATAGAAACAGG

>naRXN00087-upstream
TCGTCACTCAACAAACGTTTTCCACCCGGAGGTCTCCCCGTGTCTACCGAAATCCACAA
CGCCCCACCAAGGCCCAACTTGGCTTGGCTGGGTGCTC

>naRXN00087
ATGATCGGCGGAATAATCGGCCTCATTTTGTGCGGTGATCATCATGGCCGAAAACTTGCC
ATCCTCGAGGATCCCGGTACATCACCAGCTGCGATTCAATGCAGTCCTAGCTTGTGGC
GATGTCATGCGTTCCGGCCAAAGCTAACGCGTTCGGCATCCCGAATCCGCTCATCGGCATC
GCCGGTTTCGCCGCTGTGCGCCATCATCGGCGCCGGCATCCTCGCGGGCGGCGGGTTCCGC
GGTTGGTTCTGGTTCCGGCGCCAGGCCGGAATCACTTTTGCCATGATGTTCTGCCACTGG
CTCGCTACCAATCCATGTCCGTATCCGCGCGCTCTGCCCTTACTGCATGGGCGTGTGG
ACCGTATCGATCATCATGTTCTGCTGGTCACTGCATGGAATGTGAAAACCTTCAGCGGC
TCCGACAGCACGTTCGTCAACGCACTGTACAAATACAAGTGGGTATCGCGATCGTCTGG
CTGCTGCTCATCGCAGCCGAGCTGTGTGGTCATTCCGCTACATGTTT

>naRXN00087-downstream
TAGGCATTTAAGGCTTTCAGGCC

>naRXN00096-upstream
GGGGAACCTGGGGTAAAAGGAGAAGTATTCAATACCCCAATAACCTACTAGGTGGGGTGG
ACACGCATAGTCGACAGCCAGACGTGGCAGAATAGTGTGC

>naRXN00096
ATGACTAATGCAGGTGACAACTTCGAGATCAGGATGCCTTCTGGCACGGATGACCCATTG
TCCGATGCGGAGATCCAAAAGTATCGCGAGGAGATCAACCGCTTGGACCGGAAATCCTC
GATGCGGTGAAACGCCGCACGAAGATTTCCCAAACCATCGGAAAAACACGCATGAGCTCG
GGCGGAACACGTCTCGTGACACCCGAGAAGTAGCAATCATCAACCAATTCCGTGAAGAG
ATCGGCGAGGAAGGCCCTGCCCTCGCTGGAATTTTGGCTGCGCATGGGACGCGGAAAACTC
GGA

>naRXN00096-downstream
TAAGTTATCCACAGGTAGAAAAA

>naRXN00097-upstream
TCAGGGTTTTAGCCGTTGATGGGCAGAGTTATCCACAGGTTTTTAGCGAGCTGGTTTCCG
ACGAAGAAAATAGTGGATAGGTTACAGGGCAGAATCCCGA

>naRXN00097

ATGGAGGTGCCCTTCCTTGTTTACCAACTTCTTCGCAGTCAACAACCCAGACAGTCCGCCC
GCACGACAAAAACCAAACCTCAGAGAACTGGAACACCGCTTCTGGCAAGAACACCTGCCA
GGCGACGACGATGACCATTCACCGCAATCTCCAGCCTCGCCATCGTCACAGGTCTAACA
AAAGCCGAGGTCTCCCGCATATCCATCGCGTTTGCCACGCTCGCCGACTTGCCCGAACTC
AAAGCCCTGCAACAAAAGCTGTACCACCTGGAGCTETEECGACTGATCACCATTAGCAAC
GAACTCGCCGGCATCAACCCCGACAACCTCGCCGGCGCGGACGCAATCCTCACCGAATAC
CTCACCGCCACCAGCCCCAACCAGATTCTGCCAAGCCCGGCGTCCATAGGACGCAAGATA
AAAGAAATAAGAGATTTGCTTGACGACGCAAGAGCCACCGGTTTCGCGCGGTACCCAAGAC
GACAGCTCTTTCGGAGTGACCTTCTCCCCAGACGGAACCGCCGAAATCGGAGCCTCCGTC
GATGCTGTGGACGGGCACATCATCAACGACGCCGTACCCAACACGCGAAGAAAAACGAC
CTCACCTACGGCGAAGCTTTCAGCGACATCCTTCGGAACAATATCCAAGTCAAGGTAGTC
CTCAACTTGTACACCGCCAAAGACCTCGCCAACGCCCCAGTGTGGGCCAGCGGAATCGGC
TGTTTGGATGCCAAGACTGGAACATTCTGGTCAGAGAAAGCCAACAAAGAACAAGACATG
GATGCGGTGCCAAAATCAGCACCGACAAACACGATCCTCCACCAGCGTTGCGTGACGCA
CTCATTGGTGTGATGGCACCTGCCGATTCCCTGGCTGTTTCAGTCCCAGCGCTCAAAACC
CAAGCCGACCACCGCATCCCCACGAAGAAGGCGGAGAACTTGCCTAGGCGGAATCGGC
TGCTCTGTCAACACCACCACAACATGAAAACCGACGGCCGAGTCACCTACCTTCTCGAT
CCCTTCTCCGGCATCATCGTCTGGCTCATGGGAGACGGAACATGGGCAGTGTGAGAACCC
AACGGGCCGCTCAATCCCAAAAATGCGAGATGGGCGCAACAGTCGCCCAACACCGGGCA
CGCCACCACAAGCGTTGGGTTAAGGAGGACGCCAAG

>naRXN00097-downstream
TAGCCGGATGGCCACGTCGAAA

>naRXN00114-upstream

TGCATTCCCTAACGGGAATGCAGCTTTTTGTGTTCTTAGTGCAAATCGAAATCTCATGTG
ATTTACTTAAACCTAATTAAATCTACTATCGGAGATCTC

>naRXN00114

ATGAAACTTCTCAAGTTTGCTGCAGCAGGAACCTTCGCACTAGCCCTGGCTGGCTGCACA
CAGACTGAGTCTCTCGTAGCAACAATCGAATCTGCAACCTCTGCAGCACAGGCATCCGGA
AACGACGTAGAGGAGACCAAACCTCCGCGTTCGAACTCTCCGTTGGCGAATGCTTCAAC
GACACCTACGAAGAAGAAATCTCCGAAGTACCCATCGTCGACTGCGCAGAACCTCACGAC
AACGAGATCTACTACCTCTACGACATCGAAGGCGACGACTTCCCAACCGACATCACCACC
ACAGGCTACGAAGGCTGCCTCCCAACATTTGAAGGCTTCGTAGGAGCTCCTACGAAACC
TCCATCTACGAGGTCTACCCAATGACCCCAACCTTTGGCTCCTGGACAAACGGCGACCGC
GAGGTAGTGTCTCCGTGTACTTGGCCACCGGTGAGCAGATGACCGGAACCGCAGCAGGA
ACCGCGCAG

>naRXN00114-downstream
TAGATTTTGGATAGGGAATTTTG

>naRXN00120-upstream

ACAAACTCTTAATTTAATGAGACGTAAGTAGTTGATAGTTAGGGGAAATACTCCCAAATC
CTCACAGGAAACGCTCTGAATTCTTTCAAAAAATGTTTC

>naRXN00120

ATGCTTATTGGCATGAGCAATCAAACAGTCAATCAAGCAGTGTCGTCAGGGGTGAAAGCA
TCCCCGCACAGGTTCAATCGTTTTGAAATCAAACTTGATTACAGAGCAAGATGTACCT
GCATCCGCGAGCAGTTGGCAACGAGGATGAGCACGGATCCGCTTTCCCAACCCGGAGGC
TACCGAGTGGAATCCCTTTACTTTCGATTACGCCGATTTACGGTGCTACCCGAAAAGATC
GAGGGTCTGAAATTCGAAGGAACTACGGATCCGTACCTACGGTGATGGAGTGCTCACT
CCAGAATCCACCGTGTCCGTAGAGATCAAGCAGCGGTTAACAAGTAACCTAAAAGCGT
CGGCTGGATTTGCCCTTTATATATGCGCTCGCCCTGGGCGATAGCACGGGCGCCGCGGTA
GGCGAGCAGGTGGACGTGAGAGCTTCTTGAATCTCTCCGAAAACAGCAGCTTTG
ATTACGAAATGGCGTCGTTTGCTAAAAATTATCGGCTGCGACCCATCGCCACCACGAAG
TATACCGCGAGGCATTCGTGCGCGCTGATGCGGAGGAAAGTTTCGGAGTCACCATTGAC
CACGGTGTTTCAGGCCGTGATCGTGATTTTCTGCTTGGCCAAGACCTTGAAGACCGCCCA
ACGGTGGCGCAAGGATTGGCAGTCGTGGAATCAAATGCGATGAACGCGTGCCGTTTTTG

CTCACTGATATGACTGCTCAACTGGAAATGTCCGTGATTCCGATGTCCAAATACTGCGAA
 ACCATCGAAGCGTTTCACAACCGTCCGGCATCAGCTTTCGGCGCTGTCGACCCCATCTTC

>naRXN00120-downstream
 TAAACAAGAAAGGCCCTCCAAT

>naRXN00128-upstream
 CCATTTTCCGTTTGGTCTTGCCTAAAGAACCGCATGGAAATTATCGTGAAGCACCGATCC
 CGTTGATCGCTCCAGAGACACCGTGGGAAGGGGAGCAGCA

>naRXN00128
 GTGAGTAAATTTTCGACGAAACTGAAGGCCCTCACCGCGGTGCTGTCTGTGACCACTCTG
 GTGGCTGGGTGTTCCACGCTTCCGCAGAACACGGATCCGCAAGTGCTGCGCTCATTTTCC
 GGGTCCCAAAGCACACAAGAGATAGCAGGGCCGACCCCGAATCAAGATCCGGATTTGTTG
 ATCCGCGGCTTCTTCAGCGCAGGTGCGTATCCGACTCAGCAGTATGAAGCGCGAAGGCG
 TATCTGACGGAAGGGACGCGCAGCACGTGGAATCCGGCTGCGTCTGACTCGTATTTTGGAT
 CGCATTGATCTGAACACTCTGCCAGGTTTCGACGAATGCGGAACGAACGATTGCGATCCGT
 GGAACGCAGGTCCGAACGTTGCTCAGCGGTGGCGTGATCAGCCGGAGAATGCGGAGTTT
 GAAGCTGAGATCAGATGCGTCGGAAGATGGGGAGTGGCGTATCGATGCTTTGCCGGAC
 GGGATTTTATTAGAGAGAAACGATCTGCGGAACCATTACACTCCGCACGATGTGTATTTT
 TTTGATCCTTCTGCCCAGGTGTTGGTGGGGGATCGGCGTTGGTTGTTCAATGAGTCGCAG
 TCGATGTCCACGGTGCTGATGGCCCTTCTGGTTAATGGTCTTCGCCGCAATTTCTCCT
 GGTGTGGTCAATCAGCTGTCCACGGATGCGTCGTTCTGTTGGGTTCAATGATGGGGAGTAT
 CAGTTCACTGGTTTGGGAAATTTGGATGATGATGCGCGTTTTCGTTTCGCCGCCAGGCC
 GTGTGGACGTTGGCGCATGCTGATGTGCGCAGGCCCTACACTTTGGTTCGCTGACGGCGCG
 CCGTTGCTGTCCGAGTTCCCAACGCTCACCACCGATGACCTCGCCGAATACAACCCAGAG
 GCTTACACCAACACGGTGCTCCACGTTGTTTGGCTTCAGGATGGATCGTTGTGAGGGTC
 AGTTCCGGCAATGTGAGTCCACTACAGGGCATTGGAGCGGTGGAGATATCGATTCTGCA
 GCGATTTCTCTCCGCCAATGTGGTGGCAGCGGTACGCCACGAAACACGAGGCAGTG
 CTTACTGTTGGCTCCATGGAAGGCGTGACTTCAGATGCGTTGAGGAGTGAAACGATCACT
 CGTCCCACCTTTGAATACGCGTCGAGTGGGTTGTGGGCTGTGGTGGATGGGGAGACGCC
 GTCCGAGTCGCACGATCGGCAACAACCGGTGAGCTCGTCCAGACGGAGGCGGAGATTGTG
 CTGCCAAGGGATGTGACGGGTCCGATCTCTGAATTCCAACGTACGAACTGGGGTCCGG
 GCCGCCATGATCATTGAAGGCAAGGTGTACGTGGGCGTCGTAACGCGTCTTGGTCCGGGC
 GAGCGGCGCGTGACAAATATCACGGAGGTGGCGCCGAGCTTGGGCGAGGCGGCGCTGTG
 ATCAACTGGCGCCAGACGGCATTGTTGCTTGTGGGCACGTCAATTCCAGAGACGCCGCTG
 TGGCGCGTCGAGCAGGACGGATCGGCGATTTCTGTCGATGCCGAGCGGGAATCTCAGCGCG
 CCGGTGGTGGCGGTGGCAAGTTCCGCGACGACGGTCTACGTCACTGATTTCGATGCGATG
 CTTACAGCTGCCGACTGCCGATAATGATATTTGGCGCGAGGTGCCCGGTTTGCTGGGCACG
 CGTGGCGGCCCGGTGGTTGCGTAC

>naRXN00128-downstream
 TGATGGAGCTGTTCTTCCGCGC

>naRXN00154-upstream
 TAGCCAGACGGCAGTATTTTGAAGCGGTGAATAAACGTTTGCTCGAATTTCCATAGTGT
 AGGGAAGTGTAGTGCAGTGCTTTGACTAGGGTGGTGAGCT

>naRXN00154
 ATGAGTTTTTTCAGACCCCTATGCAGGCAATATTTTGGTGGACACTCCCGCAACAAGCAG
 CCGGAGTATCCCGATGTGCCCGCAAAACCAGGCCTTGTGGTGAAGTTCGTGGAGATGGC
 TTCGTCGGCGCTGTGACCGGTTTTGAACGCACCTACGATGGTGATTTTGTGCGTCTCGAG
 GACCGCCGCGGACGCGATGCGCTGTACAAGCTGCGCAAGGGTGCGTTTCATGATTGATGGG
 CAGATCGTTAACCTACCCGTTTCGTGGAAAAACAAGCACACGTAAATCTAATCTGGT
 TCCAGGCGGTAGAAAACGCGCAAGCAAAGGTGCGGCGCCGTACGCATCTGGGTAGAA
 GGCATCCATGACGCCGCCATCGTGGAGAAAGTGTGGGGACACGACCTTCGCGTTGAGGGC
 GTCGTGGTGGAGTACCTGGAAGGTCTAGACAACCTGGAGGAACGTCTCGCGGAATTTAG
 CCTGGGCCCTGGACGACGATCGGAGTGCTCGCTGATCACCTTGTGAGGGATCTAAAGAA
 ACTCGGATGACTAAATCACTACCCGCGGATGTCGCTGTACCGGCCACCCCTACATCGAT
 ATTTGGGCTGCTGTGAAAACAGAGCGTTTGGGGCTTAAGGCGTGGCCTGAGGTGCCATAC
 GGGGAGGATTGAAAACCGGCATCTGCAAACGAGTTGGCTGGTCAGACCCCAAGAAGGC

TGGCACCGTGTGTATAACGCCGTGAATTCCTTCCGCGATTTGGACTACACCCTAATTGGG
GCAGTGGAACGTTTGGTGGATTTTGTGACCAACCTCGATTTGAGTAAAGAGGACGTCCTC
GCC

>naRXN00154-downstream
TGATTTTTCGGGTGTGTTTTTGC

>naRXN00162-upstream
GGAGACGTCGAAAAGCATAAACCTGGAACTTTCCGGGCCCCGCGCCCGACTGCTTTGCTG
AAGCCCTATCCCGCTATTTTATTTTGAAGGAAGAGTTGC

>naRXN00162
GTGTCTACCACCACCCCAATCCACCCTGAGCGCAAGAAACGCGTTCGTCAGGCCCTCACC
ATGTTCTCCATCGCTGCGTGGGTGACTGGTGTGTTTTGCTGGCGCTGGTGGCGGAGATG
ATCATGAAGTACATAATTGGCATGGATCTTCTGAGTGGGCACGATTCTGTTCCGATTGCA
CATGGATGGGTTTACATTGTTTTCTTGATGACCACCCTGAACCTGGGTCTGAAGGCGCGT
TGGAATCCGACTCGTTGGGTGACCACCCTATCGCAGGTGTGGTTCCGCTGCTGTGCTTT
TTTGTGAGCACAAACCGCCGCAAGGAAGTTACTCAGACATTCCAGCTGAACTCA

>naRXN00162-downstream
TAGTTAAATACACAAAACCTCC

>naRXN00167-upstream
CCGACAATCCAGTGGAACCTCCCTATCGCTGTGATGCATTTTACTTTCACGTTCCGGTA
CCCTGGCAGGCAGATCTTCCAATCTTTAGGAGCCCTCGCC

>naRXN00167
ATGTACCTGTTGAATCCACCAGTCACTGAACCCGAGATCCTCACTGTCAACGAGATTCCG
ACCGTCGTCGCTGCTTTTGACAACCACCCCATGAACGACATGCCCCGAGCATTCGATCAA
ACCTACCAAGTGCTCTTCCCCACCTTGGGTGCCAAGGGCATCGCGCCAATTGGCCCCGGA
TTTGCTCTGTACACCTCCGAACCAACTGACACCGTCAGCTTTGAAGTGGGCATCCCAGTC
AGCCAACCACTTGAGGGAGATGTTTCAGCCGCCAGCGGCATCGTGCTGAAAAACTCAGTG
GTCCCTGCCGGAAAAATTGCGCGAATCAGCCACATCGGCTCATTCGACGGACTGAGCCAA
GCATGGGGTTTCATTCGTGGAAGCTCTTGAATCTGCAGGCCATGAGATCGATATGCCGTGT
TGGGAGGTATATGTCACCGAGCCTTCCCCGACATGGATCCCGCAACACTCCAAACTGAT
CTATACGTCTGTTGAAG

>naRXN00167-downstream
TAGAGAAGCTTCTGGTCAAGTT

>naRXN00171
AAAGATCAGCAGAAGCAGATTCTAACTTGGCAGCTGAGGTAAAGCGTCTTCGTGAGCGT
GACGATGCACGAGATCAGCAGCTAGGAGTGCTTAATGAAGCCATGTTTTCACTACTAGGA
GATGGACTTGACCGTTTTCGTGAATCTGGCGATGAGGCATCCTTCAATGCTGCATTGAAC
TATCAGGCAGTGGTGGCACCAGAAATGTTTAAAGACCGTGTATGGTGTGATCCGTCTACC
GGAGAGCCTATCCCACT

>naRXN00171-downstream
TAAAGTACAACACAGTCTTTTCA

>naRXN00194-upstream
AAATATGAGAACATAGTGAGAGTTAAACCAAGTTCTGTAGGTGCTTGTGTCAGCGGGCGC
GAAGGCGTACCACTGCAACTTGCGAATAAAGGAGTAAAC

>naRXN00194
GTGGCTGGTTCCTCCACACGATTGAGCCTGAGATCTACCGCGGTGTATCCACCCTTGAT
GAGCCTTCGGCTGCATGGGGATGGCAGGCTCTCAAGCGCAACACCATCCAACCTCGCTGGC
TGGATTTCCGTTCTGTTTCATGCTTGGATACAACCTTCGGTAACCACAAGGGCCACGTTGAA
ACCATCTGGCTTCTCGTCATCACCGCCCTTCTGGTCATCGGCCTGCTGATCCACCTGTTTC
GAGCCAAAGCTCTTCAGGTTTCGACCATCACTTCCCGCAACAAGCCTGTGCGCCACGTC

GAGCCAGACTGGACCTACGACCAGGCAACCCTCACCGGCACCTGGGGTAACCTCACTGAC
TCCCAGCTTCCGCTCCGTC AACATCGAGCCAAGCCGTGTCGCTCACCTGCGTGCTGCAGAT
TCTGCGAAAGAACTAGACAAAC

>naRXN00194-downstream
TAGTTTTTTTAAAAAGAAAATGCG

>naRXN00197-upstream
GTCGATGATATTTTGGCAACCGAATCTGAGGCACGCGCGGTGCGAATGCTTTGATCAAC
CGGTTGGCAACCAACTTGTAAGCTAAGGAGCTCCGCCTC

>naRXN00197
GTGGCAGCCTATCTTCTTGGTGTCTGATTATTTTTCTCGGCATCGCAGTAACCATCGCG
CTTCACGAGTGGGGGCACTTCATCACAGCGCATTTTCGGAATGAAAGTGGGCGTTTC
TTTCATCGGTTTCGGCCCGACGGTGTTTGC AAAAGACGCGGCGAAACCGTGACGGCCTT
AAAGCGATTCCGGTCGGCGGTTTTTGTGACATCGCGGGGATGACTGCCCAAGATGAACTT
GATCCGGAAGACCTGCCGCGGCCATGTATCTAAAGCCCTGGTGGCAGCGCATAATTGTG
CTTTCCGGCGCGGTGATCATGAATCTGATCGTCGGCTTTTTGGTGTCTTACGGCGTGGCG
GTGAGCTCCGGAATCCCGAATCCGGATGTGGATACACCGCGACAGTCGACACCGTTTTCAG
TGCGTGCCGGAACCCAAATTTCCGCAACTGAACTGTCTCTCGGTAGGTTTCAGGCCCA
GCGGGCGACGCGCGCATTTGAGCACGGCGATAAGATTTTGGCCGTCAACGGCCAAGAGATG
GCAAGCTTACCGCCATCCGCGATGCGATCTCGAGCTCCCGAGCGAAACGGCAACGCTG
ACGATTGAACGGGAGGGAACGCTTTTCGACGTCGACCTCCAGGTTGCCTCTGTCAACCGT
CTCGCCTCTGACGGTTTTCAGAAATTACCGTCGGCGCGGTGGGCATGTGAGCCTTCCACCG
ACCGATGTGTACAAAAAATACGGCCCAATCGAGGGTGTGGGAGCAACTGCACGTTTACC
GGCGACATGATCAGCGCCACGTGGGATGGCCTCAAAGCCTTCCCGGCGAAAATCCAGGG
GTCGTGCGATCCATCTTCGGTGCAGAACGAGATGTAGAAAGCCCCATGAGTGTGGTGGGC
GCCGTACGCATCGGCGGCGAATTTGTGCAACGTTCCATGTGGGACATGTTTCATGATGATG
CTGGCCAGCCTGAACTTCTTCTCGCGCTGTTTAACTCGTGCCGCTGCCACCACTTGAT
GGCGGACACATTGCCGTGGTGATCTATGAAAAATCCGCGACTTCTTCCGCAAACTGCGC
GGAAAACAGCGGGCGGCCAGCGGATTACACCAAACTAATGCCCGTCACCGTAGCTGTG
GCAGCCTTGCTGATGACAGTGGGAGGCCTGGTCATTGTGCGCGATGTGGTCAATCCCATC
CGACTCTTTGGC

>naRXN00197-downstream
TAACGATACGGAATTGAACTGCC

>naRXN00216-upstream
GTGTTGCTCGCGGCCAGGCAGCAGTGCTGTACCTGCCTGACGCGGATGGTGACATCGTTC
TTGGATCAGGCACCATCTGCCACACGGAGTCTTAAGAAAA

>naRXN00216
TTGGGCGCTTATGGTTTAGGTGAGCTTCTTGGAAAAATCCGCCGCGGAAGCCGCCGACATT
ATTACGGGTGAAACGGGCGATCTTCTCCATATTCTCAGCTTCCGGCGCGAGGTTTGGGT
GCTGATCTGATCGGTGCAACCGTCTGGTCTGCTGGACATGATCAACGTTGATCGCGGGGCC
CGATCTTGGGTGATGAGCACACGCCCCAGCAGATTGACGCACCTGACCGGCGATTTCTCT
GACATGGATTTGGATGCGTGCGAGGAAACCTGGGGAACGGGCGTCGACAAGCTAAAAATC
CAAGTTGCTGGTCCCTGGACTTTAGGTGCGCGCATTTGAGTTGGCCAATGGCCATCGCGTT
TTGTCTGATCGCGGTGCGATGCGTGATCTCACGCAGGCGCTGATCGCCGGCATCGATGCG
CATGCACGCAAGTTGCTGGGCGATTTTCGCGCCGAAGTGACAGTGCAAAATTGATGAGCCG
GAGCTGAAATCGCTTATCGACGGCTCCCTCCCTGGCACTTCCACCTTTGACATTATTCTCT
GCGGTGAATGTGCTGATGCCAGTGAACGTTTGCAGCAGGTCTTTAGCTCGATTGAGGGG
CCGACATATCTCAACCTCACCGGCCAGATTCTACTTGGGATGTGGCTCGGGGTGCGGGC
GCCGATACTGTGAGATTTCCATGGATCAAGTCCGTGGAATGAACATTTGGATGGTTTTT
GGTGAACCATCACCACTGGAATTCGTCTTGGTTTGGGCATTACGACAGGAAAAGATGTC
GTAGATGAACTGCTCGAGCGACCGCGGCAAAAGGCCGTTGAGGTAGCACGCTTTTTGAT
CGTTTAGGTGTGGGCGGAACTATCTCGTGGATGCTGTTGATATTATCCGGGTGAGGAT
TTGGTGCAGGGGACCATCACCGAGGCCGCGCAGGCTTATCGCATGGCCCGGTGATGTGCG
GAGATGTTGTGCAAGGATTCATGCGACCTT

>naRXN00216-downstream

TAAGGCTTTACCGGCGCTGGGTG

>naRXN00222-upstream

AGGGAAAACTACCGTCCGCTGGACAAAGTCATCGATGTACTCCGCGTCCTTGGACTCG
AGCTTTCTGTTGGAATTCACGATCCCCTCAAGGTTAATCA

>naRXN00222-

ATGACCCCCACTGCCGATATCTGGTTTAAAGATACTTTGGCTGCTCATTTCACACGCGAC
GGCGACCAGACCACATTCTCCTACACAGCTGATTACGCAGGTCCACCGATTGCCACGTCC
CTGCCCATCAATTCTGAACCCGTGATTACGCGCTCTGGAGCGATCCCACCATTTTTCGCG
GGATTACTCCCCGAAGGTGCTGCTTAAGTTCCTCCGGAGAAACATTAAAGCCTCTGCC
GATGATGAACTTTCACTCCTTCTAGCAGTGGGAGCTGATCCTGTTGGTGCAGTCGCTATC
TTCCCCCATGGTGAAATACACAACCTGCACCACCCACAGTTGATTTTGACGATGAACTT
GATTTCTCGGCTGCACTAACCGAGTCCGGGATTGCGGATCCCGTTGCACTGGCCGGTGTC
CAAGACAAAGCCTCTGCACGCACCATCGCGGTCCCCGTTGCAAGCGATGCCATCTTGAA
CTCTCCCCGCTGAATACCTTACTTGGTGGAAAACGAAGCAGCTTGTACCAGTTGCTG
ACCAAAAATAAGCTTCGCATTGAACTGTCCAAAGTAGAAGTTCTCCATGACAAACACGGC
AGGTCCGGACTCTTAGTTACCCGCTTTGACCGCACACCCAAAGGCAAAATCCCCGTCGAG
GATGCAGGACAGGTCTTGGGAATCTGGCCTGCAGATAAATACTTAGTGAGCTACGAGGAC
ATCGCACAAAGCCCTCACTAAAGTGTGCGCCTCCCCATCTTGGCGATGCGCAATCTCGCC
TTCCAAATCGCAGTCGCGTGGCTCAGCGGCAATGGTGATCTTCATGCCAAGAACATCTCC
ATTATCAACAAAGCCGCGGATTTGAGATCAGCCCCATCTATGACATCCCTGCCACCGCA
GTATATGGCGACACCACGATGGCATTAGAAATCCAGGGATCCAAAAGGATCTCAGCCAA
AAGAAATTCCTAAATTTCTGTACATCCATCGGACTACCAGAAAAACAGCCATGTGCGTT
GCGAACGCTGCACTGTTGGCAACAGAAAATGCCGAGAGACAATTCTTGCTTCGGGAAAT
TTTGATACACGGATGAATCGAGATCTGGCCAGGGTTCTCAAACATCGACGAAGCGCATGG
GGAGCT

>naRXN00222-downstream

TAATTGCGCTGTTTAAGAGGTCTG

>naRXN00232-upstream

GCTGAAAAAATCCCATTTGGACAATGAACACTTGTCAAAATGGGAGTTTGGATTTTCG
CACCACCGGCAGCACTCGAAAACGTGTTTATACTTGAAT

>naRXN00232

ATGAACGACAGGGCTACCAACGAATAGGCGACATCGAGCGATCCCAAGCCCTCGACCGA
CTTGGGTTCATATTTGCAGACGGATACCTCGACATCGACGAATTCGATACCCGAACGGC
GCCGAGCAATCGCACGCACAGCCGGTGAAATAGATGTCTTGTTACAGATCTTCCCGAA
CAACAGGCAAGCACC GCCGTGACACCCGTGCAAGACGATACCGAGAAAGAAATTAGACCTG
GTCCTACAGCGAGGAAAGAAGCTCAAGCAGATCGACTCCGCCATTTGGGCTGTCGTGATG
GTCTCGTTCTTCTAGGCTTGTGTTTCAACGTGCCATATTTCTGGGTTGTGTTTCATC
CTTGGCGGAGCGGCTCCGCGGGTGCGGATTCTTGCTCAAAGTAGATGACGCCGATGAA
AAACTCTTTGAGGAACTCCACAGCAAGGAACAAAGCGAACGCGAAGCACGCCTACGCATT
GCGGCACAACGTCGACGCGAGTTGGAACAA

>naRXN00232-downstream

TAGCCACAAAAGCTATCAAGCCC

>naRXN00236-upstream

AATGCGAGAGTTCTAAAACGAGCCGGTAACATCGACCCCCATGAGTTCAGGGGTTAGAAA
AGCAATGGGATTTGGATGCGGTTTCGGTTTTGGCCGTCATC

>naRXN00236

ATGGTGATCTCATTGTTGGATGGGCGCTCAGCTTCATGGATGGAACGGCACCTATTTCG
CAACTCCAGCAAATCCCTGAAGATGTTCCGCCGGCGCTGGTGTAGAAGTTCCGCAAATT
GATACAGAGGCAGATGGACGCACATCCAACCATTTGCGTTTTTGGGCGGAACCAATTGCT
CAAGATACTGGTGTGTCGCTCAAGCGATTGCGGCTTATGGAAACGCAGAGCTCATCGCG
AGTACTGCGTGGCTGGCTGCAATCTGGGGTGGAAATACCTTGGCAGGTATCGGCCAGGTG
GAAACCCGTCACGGTACCTACAACGGCAAAATGTTGGGGGCGAGTTCCCTGGATGAAAAT
GGAGTTGCAACCCCTCCAATCATCGGCGTTCCACTTGATGGTTACCGGGGTTTGGCGAA

ATTCCCGACACTGATGGTGGGGAATTAGATGGCGATACTGAATATGATCGCGCGGTAGGT
 CCCATGCAGTTCATTCCGGAACGTGGCGACTTATGGGATTGGATGCAAACGGTGATGGG
 GTAGCGGACCCCAACCAAAATTGATGACGCAGCATTGAGTGCCGCAAACCTGTTGTGTTCC
 AACGATCGTGACTTGTCCACTCCTGAAGGATGGACCGCAGCTGTTTATTCTTACAACATG
 TCTAATCAGTATTTGATGGACGTTTCGAGATGCTGCCGCGTCTACGCTTTACGACAGCCG
 GCGATC

>naRXN00236-downstream
 TAAAACTTAACAAGCGCAACCCC

>naRXN00242-upstream
 GGATCACTATCGCTTTAAACACCGAAACCTTCCTGCTAGTTCACCAAGATTTTAAAGTTT
 TACCGCAATTTCTTGAGAGCTTTGGGAGGATAATGGCGGT

>naRXN00242
 GTGAATGAATGGCGAACAGTCTCGCTTGTAGATTCCACGGCGCTGACCGTGATCATCAGT
 GTGGCCGTGTTTACTTCTGCTGTGGCTCTGCTCGGAGTTGTGAAAAGCGCTCTCGGTGG
 CGGGTTCTCGGAGCTCTCATCTCCTCAGCAGTTCACCAAGTGGCGCATGGGTGGTTATT
 GAAAAGCTGTGGAAGCCTTTCCCGACCCCAATCCGTGGACCATCTATCTTTCCGCTGGT
 TTGGCGGTTTTTCTCTGTTGAGCATCTTGTTCGCACTGGTCGTACAAGAATACTGATG
 GCTACACTCACCGTGATTGCACTGGTTAATACGGCCGAGTCATCAATGTCATCTACCAG
 CCATACCCGACGTTGGGTTCTTTCAATCCCGTGCCAACGGCTGTGTCCATGTCTGATGCA
 GATTTTGAATCTCAGACCACTGCCCCGACGATGGATGACCGTGAAGTCGGTGCCCTTGTG
 CAGGTGCCGCTAGCTGGAACAACAGATGATTCACCTCCGGCTTTGATGCGCGCATGCC
 TACGCCATATATCCGCCTGCGTATTGGGATAATCCTTCCCTACAACAGTCCAGTTTGGTT
 CTCATGCCCGGAAACCCCGCCAGCCAGATCAGTGGTTTAGCAGTGGAATGCCGATCAA
 ACAGCAGATAATTTCCAAGCAACCCACGATGGCATCAGCCCCATTGTATCAGCGTGATG
 GGCACAGGATCATTCAGCGGAAACCCCTGCTTGCGTGGATTCTGATGCCCCAAGCGTGATG
 ACATATCTATCCACGATGTCCCATGTTGATCAAAACAGAAATCCGAGTCAATCAGGAT
 CAGCGCACCTGGACAATTGGTGGTTTAAAGTTACGGCGGCACCTGTGCTTTGCAGATCATG
 ACCAATCACCCCGAAGCGTATGGTTCTTTCTTGAATCTCGGGCCAGGAAGAACCAACA
 CTTGGCACACGCCAGCAAACTGTTGATCAGCTTTTCGGCGCGCATGAAGACGCATTCAA
 GCCGTTAATCCGGAAGATCTGCTCAATCAAGCAATCAGCTCAGGAGCGCATACCTACAGC
 GGGATTTTCGGCAGGTTTATTGCTGGTAGCAACGATAAAAGTGAGTGAGCGCGCTGTCT
 CATCTTGATAAATTTGAGCAATCAGGCGGGCATGTCCACCCTTTGATACCGTGGCCGGT
 GGACATTCTTCCAGGTGTGGCGCGTGGCTTTAGCGAATACTTTTGATTGGGTGCGCAAG
 CGCGCGGATTGCAGGTT

>naRXN00242-downstream
 TAACAATGAAAGACGCTTCACAG

>naRXN00247-upstream
 AACCCTAACTACTGACCTCGCACCACTTGTTCAGCCGTTACCACGCTGCATTGAGCG
 CACTGCTGGCACATATCTAAGACCGCTAAGGAAATCAGCT

>naRXN00247
 ATGCAGACATTAATCTTTATCGCCATTGCAGGCGTCGCAGCACAGCTTGTGATGGCGGC
 CTCGGCATGGGGTTTCGGCGTCACCTCAACCACCATCCTCATCATGCTCGCAGGTTTAGGC
 CCTGCGCAGGCATCCGCCGTGCTGCACACCGCAGAGGTTGGAACCACTTAGTTTCTGGT
 TTAAGCCACTGGAATTTGGCAACGTGGATTGGAAGTAGTTGTCCGGCTCGGTATCCCC
 GGCCTATCGGCGCATTTGCTGGCGCTACCTTCTTGTTCAATATTTCCACCGAAGCAGCA
 GCACCGATCACCTCCCTGATTCTTGCCCTGATCGGCATGAACCTAGTCTGGCGATTACAG
 AAGGAGCGCATCCGCCGCACTATTCCGATCGCCCCGACAGCAGGGGATTCCTCGGCGGA
 CTCGGTATTGTGGTGGTTTTCGTTGACGCATCCGGTGGCGGCGGATGGGGTCCAGTGACC
 ACCTCTACGCTGTGTCTTTGGGACGCACCGAACCCCGCAAAGTAGTCGGCACCGTCAAC
 ACCGAGAATTCTTAGTCTCCCTAGCCGCAACATTGGGCTTCGTCGTGGGACTGTGGGAT
 GACCTAGTAGCTAACCTCTCTGCAGTTCTCGCGTTGCTCATCGGCGGCGCAATCGCAGCA
 CCAATCGGCGCCTGGATGATCTCTCGGTTAATGCAACCGTCTCGGTGGCTTCGTGGGC
 ACCCTGATTGTCACTGAACCTGCCAAAGGTGCTCAACGTGGTTGGCCTTGATTTCATC
 CCCACCGGCCTCATCCAGGTACCGTCTCTCATCGGCCTGCCGCTGACGTACCTCGGC
 TTCCGCCGCTACCGCAAAAATCTCTCAACGAGACCATCTCCAGCGAAGTTGTCTCCGAA

CCAAAGGGCCAAAAGATTAAAAGCACT

>naRXN00247-downstream
TAAAACACGCTTTTCGACGCCCA

>naRXN00256-upstream
AATTAATCAATCAGAAAAACATATTGAATACTTATAAATTTCTGACATACTCATTAATGA
GATATTCTGAAGTCTTTATCAAAATGATTAACAAAAGGAGT

>naRXN00256
ATGTTTATGTCTGCTAAAACTCGCCGAATATTCGGCGCACTTGCTGTTTCGCTATCAATC
TCTTTCTCAGCCATTGCTACACCTGCAGCATCCGCACAAGAACTAGTGGTGAGCACATCA
GCAGTAAACGAATTTGGTGTAGTTACAGTGACATCACGGCTGAGCAAATCTTCAGGCG
CAAGATCTAATCGCTGAGATGAAACAGTCAGAGGACATATATGAGTATTTTCGGTGCCTTG
TCTGACGTTGAACAGAGATCCATCATTGCAGCTGTAAAGGAAAATCCATATCTCATTGAG
AACGAATCACCCCGTATGAGAGTCCAAAGTGAACACCCGACGAGGAAACACCTGATAAG
AAAAAGCCGAGCAAAACCTACAAGCTCTATATGAGCATTCTCGAAATGATGTCATGTATC
AATCTTGTGTATGTTCCGTCATGTGCCAAGCCCTTAAAGCGGCAAATATAGCTGAACGC
GAGGCCAAGGCCCGTTACCCCGATTTCGGTCACTAATGGTAAAGGCGATGCCCTTCGTCAT
TGTGCATGGAGCGCTCTCATGACTATTCGAATCCGAAAAGATGCAGCCGAAAGAAATTGGT
AACGCTCATGAAACCGTTGTGAGAGGTGAACCCGAAGAAAGAGAAATGGATCTCATCAAT
AACGCGCTGGGTAGAGACATCGGCGAAAGATTCATCATCAATGGCGATGAAACGGGTGCG
CTCAGTACTTGTGTATCCATGGCTAATATCGGGCTACTTCATACTCTGTTG

>naRXN00256-downstream
TAAACAAAGGAAGTTTCTATCAT

>naRXN00264-upstream
AAACCGGAAGGGCCCGTTTACTCCCCTACTTGGCGCAGAAATCCACATCAATCCAGGTGA
AGCAGTCATCTTTGATGTTGATCCCACGTTTGAACACGGT

>naRXN00264
TTGCTTGTCTGATTCCGGCGACGTCCAAGTGAAGGCGTCAACGTCGAGCCACCCAGCTG
GCCTACACCGGCATCAATGAAACCCAACCTCCGAATCCGTAACATCGGCACCACACCGGCG
CGTACTGTACTGTAGGTGGCGAACCATTTACCGAAGACATCGTGATGTGGTGGAACCTC
ATTGGCCGCGAGCCATGAAGAAATTGCCGAGTACCGTAAACAGTGGCAGGCCGAAGCTGAT
CGTTTTTGGTATCACCCACGGATATATCAGCCACCACAAAGATGGGCTCACCAGGCTTCCA
GCACCCGAGCTTCCCAACGCTGCTATCAAGGCACGTAAAAACCCAGCACCAACTGCACGA
CCAGAAACGAGAAATTGAT

>naRXN00264-downstream
TAAATGCGCTCCGCTCACGGCCC

>naRXN00267-upstream
GTCGTAATCTATCTTTTAAAGTCATGCCTTAAAGGATACGGAGATCACTCCGGCTTGGCTT
GGGTGGCGGTGTTATCAAAGTAGTCGTAGCGTTGAGAACT

>naRXN00267
ATGCGAAACTCTAAGTCTGGCCTGGCCTTTTCCGCAGCTGCACTATTTTGTGTCTGTCGCG
GTAATCACTCGTATTGCAAGTTCCCATCATTTATCGCTATTGTGGCGATCATCGTGGCT
GCGATCGCACTTTTGTGGGTCTGAACAGTCGTGTGGGAACAAAGCTTGTGATCAGCCA
GTGGTGTTCACCCAGGAACAAATTGATCAATTGAAAGAGTTGAAATCCCGCGACCAGGAG
GCGGCAGCGATCCGTGAGGCGCAGCTGTGGAGTAGGGGATCGTCCAGCGAAGCGGTCGCA
GAGGCTGTGAGGAAGCTC

>naRXN00267-downstream
TAAGTCGACTTAAGTGCGCGAAG

>naRXN00271-upstream
TAGTTTAAATCATGAGACATTTACATATGGTTCTTTATCCGAGACATGTGTTGACGCTG

TCTGCCCTTTTTGAAAATAACACTTTAAGGAGATGTGCC

>naRXN00271

ATGTTTTCTCCCGTTCTGAAGGTACTCGCAAGCATCTTTACTGTTGGCGCCTTGGCGTTG
GCTTCGTGCTCAAGCGATTCCAGTGACAGCTCCACCTCCACTGATGCTGCAGGTGGCGAC
TCTTACCGAGTTGGCATCAACCAGCTTGTTTCAGCACCTGCACTTGATGCAGCGACCACT
GGTTTCAAGGAAGETTTTGAAGAGGCAGGCGTTGACGTACCTTTGATGAGCAAAACGCT
AACGGCGAGCAGGCACTGCACTGACTATTTCTCAGCAGTTTCGCTTCTGACAATTTGGAT
CTCGTGTGGCTGTTGCAACTCCAGCAGCACAGGCAACTGCGCAGAATATCACTGATATC
CCAGTCCGTGTTACCGCAGTTACCGATGCAGTGTGGCAGAGCTGGTGGATTCTAATGAA
GCACCTGGCGGAAACGTACCGGTACTTCTGATATCGCACCGATTGAGCAGCAGTTGGAG
CTTTTGACGACGTGGTTTCTGACGCAAAGTCCATCGGCATCGTCTACGCGTCTGGTGAG
GTCAACTCTCAGGTGCAGGTGATGAGGTCACCAAGGCTGCTGAGCCACTGGGGCTGTCC
GTTAATACTCAGACTGTCACTACCGTGAACGAGATTACGAGGCTGTTGAAGCTCTCGGC
GATGTTGATCGTCATCTACGTTTCCAAGTACAACATGGTTGTTTCCGGTATTTCTTCTCTG
GTTTCAGGTTGCTGAGCAGAAGCAGATCCCTGTGATCGGCGCTGAGTCCGGCACTGTTGAG
GGTGGCGCACTGGCAACCCTGGGTATCGATTACACCGAGCTTGGCCGCCAGACTGGTGAG
ATGGCTCTGCGTATTTCTGCAGGACGGCGAAGACCCAGCAACCATGCCTGTGGAGACTGCA
ACTGAGTTCACCTACGTGATCAACGAAGATGCAGCAGAGCGCCAGGGCGTGGAGATCCCT
CAAGAGATTTTGATAAGGCCGAACGCGTA

>naRXN00271-downstream
TGATCGGCGCTTTTGAGTTCGGA

>naRXN00272-upstream

ACCGATGCACCAGCCACCAACGCGTCCAAATCAATATCAGCCTGGCCCCACAAGGTGGAAT
TCCAGTGGGTGGCCATCTGCCACAACCAGGTGCAGGGCAC

>naRXN00272

ATGCGGAACCAGAAACCTCCACGATGGGCTCCATCCAAAAGTCCGGTGAATGGCTCGTT
CCTGCATATTCGGCATACAAGCTCAACGGTGTGACCTTTTCTTAGATATCCGCCATGCC
ACCGCGGCTGCTCCTGTCTATTACCTTTGATGTCAACATGACCATGGGTCTATGACGCTG
ATTGTTCCACGGGTGTGATGTGGAAGTGCAGATGGCTTCCAAGAAGTGGTTCGGATTTC
AAGGTTCAAACAACCAATCCTCTCCCCGGTGTCCCCGAGTGTTCACTGGTGTTGCA
CGCGCATCAGGGTTGAAGGTTTTACCAAGCATCCTCATGAGCCTTTTGGGTCTGGCAG
AAAATGTTTGAG

>naRXN00272-downstream
TAGCCTCGGGCCACGCCGAACC

naRXN00283-upstream

GCGTTGGCATTGGCGTTTTTAGCGCGCTATGACGCCCTCATCATGGCCTTCGTAGCCATG
TGGACTGTGCGATTTATGACATGGCGCGCACGATACCGCC

>naRXN00283

GTGGCTTCCGCGACCGCATCGGATTTCGCACTTGTGACATGCTGCTCCTCGTCTGGCCGA
TCGGCTTCGCCTTCGTGCGCTGGACTGGCGCCAAGCTGGCTCACTACCGGCGAACTCTTT
GCCCAATTACCTCCACAGACGGCAACGCTGCGATCATCGCAGCATCCGGCGGCGCGCC
ATAGGGCCCCAAGCGCTTTTCGACGCTCCGTCCGCACCTTCCTCATCTCCCCAGCTCTC
CTACTCGTCGAGTAGTTGCAGTCTTTTTTGTTCATCGACGCGCGACCCGAACCCATC
ATCCCCTTAGCTCTCATCGGCTCTGTGGTGTCTTCCAAATCATTACCTACTCACTTGA
TCTACCTTCGGCTGCTGCGCTTTTTTCTCACCGCCCTGCCGCTACCATTTATCTTGCTG
TTCCAAATTATCCCGCCCCGCCACCGATTCCCCTCACTGCGACCAGGTGCGTGCTACCGC
GATCGCGTCACCGCAAGTACGTGCCCAAAACAATCACCGGTGTTTTAGTTCTCGCGATC
TTCGGCGGCACCGGCATCACCTGTACGGCATGAGCAGTGCTAACTGGGCGCCCCAGGAA
TATGCCATCCAAGAACTAGTTTTCAACATGGGATCGCCATCGCAGGACGCCGTCCACACC
CTGAACACCTTCTCCACTGAAATGGATGTGCGCGATTTCGTGACTCCCTAAACCTTGA
GACGGCGAAGTCTTCTCTCCACCACCTACGGCTTCGCGCTCCTCACCGCATCAAACAAC
CAAAAGCAATTTCATATCCCCTCCGACGAAGACTTCATCACCAACCTCAACGAACCCGCT
GAGCAGGCGTTAAGTACATCCTCGCCCTCCACGCGAAGGTGCGGCGCCACCGACCCG
ATCAACCTGCGCTACCCAGACATGTATGAAACCGGCAGCCACATCGCCACGATGGAAATC

GAATTCATCAATCAAGGCCAAGGACAACCAAATTGGCGCCTCTATCGGGTGCTCACCACA
CCTGAACAGTCG

>naRXN00283-downstream
TAGACTCTTTGTAACCTACCGTTG

>naRXN00334-upstream
ATAAGCCCCGCATGGGATATGAGAAAAGGAATGCACGATGAGTATTGAATTCCGTTAGG
TAATCCAGCGCCTGCACAGTGGTTTTCTGGCGAGGTCCAT

>naRXN00334
ATGGCCAAGCTTGATGACAACGTGCAGATTGAGACTGTGAACGTGTCTTTTGAGGCAGGC
GGTCGCACCAATTGGCACACTCACCAGTCGGTCAAAACATAATTGTGCTGTCGGGCTTG
GGCATTATGAGGCGGAGGGGGAGCCTGCTCGACTCCTGGAGCCTGGCGATGTTGTTTTT
GCAGCCCGCGGGTTCGCCACTGGCACGGCGCGGTGTCTGGTGCACCGATGTTCCACGTG
GTGGTTAACCTCAAAGGCATCGACGGCGAGACCGTGCATTGGGAGGAGCCGGTCGACGAG
GAGCACTACCGCAGCGTGAGCGCGGAGCTACAAAGA

>naRXN00334-downstream
TAAAAATGCTTTTCGACGTCCAC

>naRXN00338-upstream
TCTTAGAAGGCGTAGTCACACCATTAACTTGCCAGAATTTTTCAAGGCTTGCTAGACT
TGGGAAACGAACATGCGGTACCAACCAGGGAGTTAATGC

>naRXN00338
GTGAGTGATGTAACCGTTGGCGATATTCGCCGCATTTTGATGAGGCTTATCCGCCGGCG
TTGGCGGAAAGCTGGGACAAAGTGGGGCTGATCTGCGGTGATCCAACAGAGTCGGTGAAG
CGTGTGGTTTTAGCACTCGATTGCACCCAGGCAGTGGCCGACAAGGCTGTGGACATGGGT
TTGGACATGCTGATCATTACACCCCATTTGCTGCTGCGTGGGGTGACGTCTGTTGCTGCG
GATGAGCCAAAAGGCAAGGTCATTACACCCCTAATTCGCGCGGGGTGGCACTGTTTTCC
CGGCACACTAATGCGGATTCGCGCGCGCCAGGTGTCAACGATAAACTCGCCGAGCTCGTC
GGCATCACGGCCGGCGACCCATCGCGACACGGCTTTTAGGCGGCATGGACAAATGGGGC
GTGCACGTTCTGCCCAAGGATGCAGCGTACCTAAAGAAGATGCTTTTCGACGCAGGTGCC
GGTGCATCGGCGACTACCGAGAGTGTGCCTTTGAGATCGAAGGAACCGGGCAGTTTAGG
CCCGTGGAGGGGGCGAATCCGGCAGAGGGGACGTCGATAAGCTTTTTAAATCCCTTGAG
CTGCGCATCGAGTTTGTGACCCGCGCAACCTGCGCGCCCGGCTCACGTGGTGTGCGG
GAGGCTCATCCGTATGAGGAGCCTGCCTTCGATATTGTTGAAATGCACAGCGCTGAGAGT
TTAGAAAATGCGACCGGATTGGGTGCTGTGGGTGAATTGCCGGAGCCGATGCGCCTCGCG
GATTTCTGTGAACAAGTGGCCAACAACCTGCCTGTACCGAATGGGGCGTGCGCGCTACC
GGGATCCTGAACAAATGGTGTCCCGTGTGGCGGTTTCATCAGGGTCGGGTGACAGTTTC
TTAAACGATGTGATTAAAGCTCGGAGTGGACGTTTATGTCACTTCTGATCTGCCCAACAT
CCAGTTGATGAATATCTCCGAGAAGGTGGCCCTGCAGTAATCGATACTGCACACTGGGCC
AGCGAATTTCCATGGACTTCCCAAGCCCAAGAAATTTGCAGGACAAAGCCCCACAGGTT
GAAGTTGATGTGATTTCGATCCGCACAGACCCCTGGACCATGTCTGCGCGAGCAGTGAAC

>naRXN00338-downstream
TAAATCTTGAGAACTAAAAAG

>naRXN00342-upstream
CGGTAATGTGCAATTTCGGATATATCAATAGCCCCGCGGTTTCATGTTGAATCCATGTAAT
CGAAAAACACATCGGGGCCACACGAGGAGGATTATTAAA

>naRXN00342
GTGGCCGACGCTCCGGGCGCAGTCAAGCAAGGTGCCAGGATTATGCTCAACTACTCGGC
ATTCAATCGGGTCATATCGTTCAAGAAATTGGATGGGATGAAGATTCGACACGCTGATC
AGCGAGTCCATCGAAGATGCAATCGGTGAGGAACACTCGATGAAGAAACCGACGAGCTG
TGCGATGTCTGTGCTCTGGTGGCGCGAGGATGACGGCGATCTCGTCGACGGACTGTG
GATTCCATCCGCTCCCTCGCTGAGAATGGTCTGATCTGGGTGTTGACTCCTGGCATGGT
AAAGAAGGAGCCCTGGCTCCTGGAGTTATCTCTGAATCAGCTCAACTGGCAGGTCTCGTG
CAGACCAAGGCAGAACGTCTCGGTAATTGGCAAGGTTCTTGCTCGTCCAGCGTGGAAC

AAGAAGCCT

>naRXN00342-downstream
TAACAATCGCTAATTTCCACGGC

>naRXN00344-upstream
CGGCACGGTTGGCGATGTCATGCAGTCCGAAAACTCAGCGAACTCTACAACGCACCCGT
CACGGTGGCTCGCATCAACGACAGAATCGTGGTGGTTAA

>naRXN00344
GTGGATCTATCCACCTGGCTTTCCGACACCCAATATCTCATCAGCGTCGATTTCTGTCCAG
CACGCACTCATCGCTCCGCGCTGTTGGGCCTGCTCTCCGGTGTGATCGCGCCGCTCATC
GTGGTGCGCCAACAGTCTTTCGCAGTCCACGGCACCGCCGAAGTCCGCTCATGGGAGCC
GCCGCCGCGCTGCTCTTCGGATTGAATGTAGGCGCGGTGCAGTGATCGGTTCCGTGGTC
GCCGCGATCCTACTGGCATTACTCGGCATGAAACAACAAGATTCCGCCGTCGGTGCCGTG
ATGAGTTTCGGACTCGGTCTGTCCGTGCTGTTTACCTCTACCCCGCCGAAGCTCC
ACCGCGTTCTCCCTGCTCACAGGGCAAATCGTTGGTGTTCCTCATCATCGCTGTGGATC
CTTGTGGCAGTACCGTGATCGTGGTTAGCGCCGTGGTGATTTTCTGGCGCCGCTGCTT
TTCGCCAGCGCCGATCCGATCATGGCGCAGGCCCTCCGGAGTAAACGTCCGATTTCATCGCC
GTTGCCTTCGCAGTTCTGGTTGGCCTCACCACGTCCAGTCCGTGCAGATTGTTCGGTGCG
CTGCTGGTCATGGCATTGCTGATCACTCCCGCGCGGCCGCTGTGGCGGTGACCGCCAAT
CCAGTGAAGCCGTGGTGTGGCAGTCACTTCGCGGAAGTATCGGCTGTTCGGTGGCCTG
CTATTGTTCGCTAGCGCCTGGTTTGGCGGTGAGTGTTTTTGTACCACTCTCTTTTGTG
ATTTACCTGGTCTGCCGCTGATCGGTTGGCTCCCGCGCCGTGGAGCTCAGCGTGACGAA
GATGCTTATCGACGCCGCCAGCACGATCACCACCCTCAC

>naRXN00344-downstream
TAGGCGTTTCGAAGTCTATTTT

>naRXN00353-upstream
CTTTTCATCAGGACCGAAAGCGAAGCTTTTCGTATTGTTGAGCCTTTTGGTTCCACCACGGA
TGCGCTGATCTATTTTCATGGCTCCAGCAGTCAGGATCT

>naRXN00353
GTGGGGCGCAGCTTACCAACAGGACTTTTGATCCGTTGCCGTTTCATGGTGGTTTATCCG
GATGGGGTGGATCAGCATTGGAATGATGCGCGGTTGGGTTTGGATGAAAATACCCGCCAT
TTAGGCATTGATGATGTGGGGTTCTTTGTAAACTCGCCACGCACTGGGCAACACGTAT
GGCATCAAGAGGATCTTTATTGTTGGCTATTCCAACGGTGGGCAGATGGTGTGCGGCTC
ATGCATGAGGTTCCCAAGATGCTCAGTGGCGCTGCAACCATTGCATCCAACATGCCAGTT
GCAGAGAATAACGTCGCCGAGGTGAAAACCTTCAAGACACATCCGGTGCCCTTATTTGGCG
ATGGCTGGAACGTGCCGATACTTTTTCACCGTATGAGGGTGGCGATGCCGGTATTGGTTCG
GAACACCGCCGTGGCGTGGGCATGTCCGCCTTTGATTTCAGCTGCCTATATTGCCGCCCGA
AACGGACTGACCGAACCCGCCACGACGTGATTGATGATGTGGTGTGATCGATACCTGG
GATGGAGAAAATCCCGTTGAGTTTGGACACTCAACGGGATCGGCCACTTGGTACCAAGT
GGGAAAACCTTATCCAGAATTTCTAGGCCCTCAACCACATCAGTGATAGCGGCTGAGGAG
ATTGGGAAGTTCTTTGATGGGGTCAGGCGTCGA

>naRXN00353-downstream
TAAGCTCAAGCTTTAAAAACGCA

>naRXN00354-upstream
GGCTTGTCGGTAAGGCTGCAGGGTAGCGGGAGTTTCCTTCAGATTGGAAGTTCTTTAATT
TTCTCGATTATGTACCTCATTTACGCGTAAAGTTTGGGGC

>naRXN00354
ATGGGAAAGTTACTTTTCGTAGACATCGGTGGCACACTGCTGGATTACTCAAATGAAGTT
CCGCGTTTCGGCCGTTGACGCGATCCGTAAGGCACGCGCCAAAGGACACCGCGTGACTTG
AGCTCTGGTCAAGCAGCGCTGAGGTGACTTCTCAGTTGTGGGATATCGGAGTGGATGGC
CTCATTGGCGCAAATGGTGGATATGTGGAAAGCGCACAGGAGTCTGTGTTCACCGCCGT

TTGTCGGGTGAGGAGACCCGCCACATTGTGGAGTGGCTCTACAACCGTGGTTTGGAGTTT
TATCTCGAGTCCAACAACGGTTTGTATGCAAGCCGTGGTTTCCGTGAGGCTTCTAAGCCA
GTGCTGTCTCGCCTTTCGGAGAAGACCGACGTGACAGTCGATAGCATGTACCCGGATATG
TTCTGGGGCGCGAGCCTTGATCGTGACGATGTGAACAAGATCAGTTACATCTTCAATTCT
CAGGAAGATTGAGCGCAGCGCGTGAGGCGTTCCCTAACCTGGAGCACACCACGTGGGGT
GGTCAGACGGGTGCGTTGTTTCGGCACGATCGGTGTGTCTGTCAACAAGAAGATCGGCGTG
GATCGCCTGCTGAAGTAECTGAAGGAGATCGCGCAAACACCATTGCGTTTCGGCGACAGC
GATGAGGATCTCTCCCTATTTGAGGCGAGCGCTTACGGCGTCGCGATGGGCGAGGCCACC
GAATCGCTCAAGGCTGCTGCTGACCTGGTCACGGATGCTGTTGGGCAGGACGGCTTGCGC
AATGCGTTTTTAAAGCTTGAGCTTATCGACGCC

>naRXN00354-downstream
TGACCCCATCAAAGAACTTCCCA

>naRXN00362-upstream
CACTTTTTGGGTGAAAATTCCACGAAGTTAATGCCGCTTTAAGTCAATTCAATCACATGT
AACATGCTACGGTTTTTTCGGTCACTTAAAGGAGGCGCTT

>naRXN00362
ATGGGAATCATTGCTCTGCTCGTTTTTATCGCAATTGCCGTGATATTGAATGTGTTTTG
AAACGAGATATTTCAGAAGCATTGCTAGTTGGATTAGTAGGAAGTGCCTTGTTCGGCGGT
GTAAATGCACCGACATTACTGATTGATGCTGTAGTGGATGCTGCTCAGTCGGAAGTTACT
TTCGAGGTATGGCCTTTGTTTTTCATGGGCATCGTTGTGCAATCAACTGGATTGATTGAT
CGATTAATCGCAATCCTTAACTCGATTTTTGGTCGGCTTCGAGGTGGCGCAGGTTATGTT
TCCACTCTGGATCTGCGCTCATTGGACTCATCGCTGGATCAACGGCTGGAAACTCCGCG
ACGGTTGGCTCAGTGACGATCCCTTGGATGAAAAAGACGGGATGGACTGCTGAAAGGTCC
GCAACGTTAGTCGCGGGCAACTCTGGCCTTGGTGTGCGTTGCCTCCCAATTCAACAATG
TTCATCATTTTTGGCATTGCCAGCTGCAGCAGCTTCTTCGGCCTCTCAGGTGTACATTGCT
TTGGCTTGTGGTGGTGCGTATGCAGTGCTCTACCGCTTAGCGGTGCTCTTTTACTGGACA
CGTAAAGATAAAATTCCTGCCACCCCTGATGATCAACGGGTGTCAATTCGGTGAGGCAATG
AAGACTGGATGGCGTTACCGTTGATCTTCCTTGAATTTTATCCCGTAATCCTCACA
ATCGGCCCATTTGCTGAATGGTTAAAGACACATGGAGTTGGGGAGTCTGGTGTAAATCG
ATGTCGATCATCGTGTGGGTGCCAATCTGATTACGGCAATTGCTCTGATTGAAGGGCGT
AAACGAATTGCTAACAACATGGCACACTTTAGGGTTCAGATCTCCAAGGACTTGCCACAA
TTTGCCACCGTAGGAATTTCTGTTGTTTTCTGCGCTTGCAGCAGCGAACATCATGGAAGAA
CTGGGTGTTGGCCCGCAGTTGTCTAACTGGCTTGATTCCATGGACCTACCTAAGTCTGTC
ATGGTGATCATTTGCTGCATCATGTGCATTGTGGTGGCAACGCCACTGTCTCAACAGCA
ACCGCGGCTGCGATTGGTGCTCCCGCTGTCGCTGCGTTGGCTGCGGTAGGTATTGATCCA
ACTGTGGCGATCGTAGTGATCTTGCTGTGCACTTCCACTGAAGGTGCATCCCGCCGGTG
GGCGCGCGGATTACCTTTCTGCTGCGATCGCCGATGCAAACCCAACGAAAATGTTTCGTA
CCACTGATTACGTACTTTGTTGTCCCATGATTCTGCTTGCTTGCTTAGTTGGAATGGGA
TTCTTACCAGTGATTGTTTCTACGGGT

>naRXN00362-downstream
TAAAGGGGTAAAAATGAACCTCA

>naRXN00373-upstream
CACGTGGCGGATCTGCGCGCTAAGGGCGAGCTGCCGCCGCCGAGGAAGAAACGCAGGCGT
CGAAAAGCGTCTTAAAGGTTTTTCACTAGGGTGTGTCC

>naRXN00373
ATGGACATCCAGCAGCTAGACGCCGAAACAACAGCATGGAAAGACAGCCTCCTGCGCGCC
GCACAGGAGGCTGGTTTTTCATTTTGTAGCCACCGAAACTCTTCGAGGATTTTGAGACCATG
GTGGAGCAGTACAAGCAGGCAGCTGCGAGCGACCCGGACATTGATGTCACTGATATTTCAG
CAAATGTGGGGCATCGTGGTGGGGGAGTACCTGCGCGAAAAAATGGGCATGGAATGGGTC
GTCATACCGATGACTACGGCACTGACCTCGCGATTCTAGCCACGGCACCCAACGGGGAC
CACGTATATTCCTGCCCCATCATCGTGGTGGGCAAGCGC

>naRXN00390-upstream
GGAAATAGACCGTTAATAGCTGGTCTTTACATTTGCCAGAAAGCTCCGACGAAACCCCAA

TAGTTGACACGGAACTAATTCATTCTAGCTTTAGTGACC

>naRXN00390

ATGTCAACTACAGGAAATTGCATTCCATCGCACGTATCCTCTTGGGCGTCATCCTC
ATCGCCACGGCTGGGACAAAGTTCGCCATCACAGGACTTGAAGGCGTCACCGCTTCTTC
GATTCACTCGGCATCCCAGCAGCCGGCATCGCCGAATAGCTGCTGCAGTCGTCGAGCTC
CTAGGAGGAATGCTTATCTAGGAGTATTTACCCGCATCGTTGCCGCTTCGTTGCC
ATAGACATGCTCTTCGCAGCACTGTTTGGCGACGTCTCCTCCGGCATCTTTGTCACCAAC
AATGGTTGGGAACACCGGCGCAATCGGCGCTGGCGCGCTGCTTCTCATCGCAGTTGGC
GCAAGTGCATGGAGCATCGACGGGGTTCTGGCAAAACGCAAGGCC

>naRXN00390-downstream
TAAATCTAGCGCCACAACCTCCGA

>naRXN00399-upstream

GGACATTGCTATGTCGTGAGTTGTAGTAACCCCAAAGCCACGGATTAATCAATAGTGAA
ATTCAATGATTTTCTTTCCACAGGCCTAAACTTAAATC

>naRXN00399

ATGAGCCACAACGACAGCCCAAACCTTGTCTCGCCGAGCGCTCAATTGGCTCCGCCAAGGT
TATCCAACCGGTGTTCCGCGGCACGATACTTTGCTCTGTTTTACGTTTTGGAGCGCGAA
CTTACTGAGGAAGATCTCAATGAGCTCGCAGAGCTTCTCATCGCGGAAGGTGAGAACAAT
GGGCTGCACGATAATCCATTACGCGTGAAAAATCGGCAAGCTGATCACGCATGTTTAC
AGTCAGCCACCTGAGGATGAAGACATCGATCGAATTCAGAAAAAGCTGCAGGCTGAGGGC
TTCCCCACCCGCAAT

>naRXN00399-downstream
TAATTAATTGGAGTTTTGTTGTT

>naRXN00416

CTGGCGTCTTACTTAAGCCCAACTGCGCTGGTGGTTGCGGTGTTGGCTATTCCGCTGTCT
GCGACCCGCTGTATTTGACGGAATCAGCGTTGACCAGGGCTTTAGAACTCAGTTTTTA
ACCCGCATGGCTGACGATATCGGCTTGTGCGACATGAACTACATCGATATGCCTACCTTC
TACCCTGCTGGATGGTTCTGGCTCGGTGGTTCGCTTGGCCAATCTTTGGGGCTGCCCGGT
TGGGAAGCTTTCCAGCCATGGGCAATTGTGTCCATGGCAGTTGCTGCTTCTGTGTTAGTT
CCAGTGTGGCAGCGCATACCGGTTCCCTGCCGGTGGCAACAGGCATTGCGTTGGTGACA
ACCTGCATTATCTTGGCGATGAATTCCGAAGAGCCCTACGCTGCAATCGTTGCGATGGGT
ATTCCAGCGATGCTCGTGTGGCTTCCCGCATTGCCAAGGGCGATAAGTTTGGCGTTGCC
GGCGGCATTATTTACTTGGGTGTTTCGGCTACTTTCTATACTTTGTTTACCGGTGCTATC
GCGCTTTCTGCGGTGCGGTGTGCATCGTGGTGGCGGCTATTGTGCAGCGCTCCATCAAA
CCACTGCTGTGGCTTGCAGTGTGGTGGATCCATTGTCTATTGCGTTGATTCTTGG
GGTCCTTACCTTCTGGCCTCCATCAACGGAGCGGAGCGCTCTGGCGATTCCGCAACACAC
TACCTGCCTCTTGAAGGCACCCAATTCCCGGTTCCCTTCTTGGCATCAAGCGTTGTGGGA
CTGTTGTGTCTTGTGGCTGATCTATTTGGTGGTGGCTTCCACAACAATGAGGTGCGC
GCGATGTGGGTGCGCATCGCAGTGTATTTATGCCTGGATGGGCATGTCCATGGCGATCACG
CTTTTGGGCAACACGTTGCTTGGATTCCGTCTTGATACGGTGCTGGTGCTTATTTTGGC
ACGGCTGGAGTGTGGGCATTGCAGATTTCCGCCTTGCCAGTGTGTATCAGCTCTACCCC
ACCCAAATCACAGAGCGCACGGCCACCCATCTGACCAATCTAATTGTGGTCCTCGTGCTG
CTTGGCGGCTCTACTACGCGCAAGATCTGCCGAGAAGAAGCAGCAGAGCTATCGATCTG
GCCTATACCGATATGATGGCTACGGCGAGCGCGGATCTGTATCCGGCCGGAGCTGCA
CGTTATTACAAGGACATCAACGATCATCTGCTTGATCAAGGATTCGAGCCTTCCGAAACT
GTCGTGCTGACAGACGAACTCGATTTTATGTCTTACTACCCTTATCGCGGATACCAAGCT
TTTACTTCCCACTACGCCAACCCGCTTGGTGAGTTCGGAAACAGGAACGCATTTCATCGAA
GATCTCGCGATCCGAAGCTGGGATGAGTTGGCTGATCTCAACAATTCAGCGACGCTTG
AACACCTCTCCATGGACGATCCCTGAGGTGTTTCTTCCGTGGCTCCATCGATGATCCT
GACGCCGGTTGGAAATACGACGTGGCTGAAGATCTGTACCCGAACAATCCAAACGTGCGC
TTCCGCGGCGTGTACTTTAACCCGGAGTCATTTGATCAGATGTGGCAGACCAAGCAAGTG
GGACCTTTCTGTGGTGGTAACGCACAATGAG

>naRXN00416-downstream
TAATTCCTCACCAACGACCCAA

>naRXN00422-upstream

AAGCGCCGGGCGGAAGGCGCTGGCTGAGGCCTTCGGCGCGGAGGTCCAGCCACTGCCG
CTTGACACCGAATAGGACAAATGGGTCTATCCTGGGGCGC

>naRXN00422

ATGCCCACGAATTATGCACGCGACAACGTCATTTCTTGCGCTCTGCCCAGGAGCAGCGT
TCCGGGAAACCCGAGCCCAAACCCGAACCTAACCTCATCGTCCGCGCCACCAACGTGCAA
GCGGACGGCGAGGTCCACAGGCAAATTTGGGTGAACTCGGCGATGAGCCTGGACGAGCTG
CACAATGTACTCAACATCGTTTTTCGGTGTGGCGGCGAGCAGTCACCTGGCGTTTCGAA
GACCAATTCACCAACCCAGCGCCCCGACACCAACCTCGGCGAACTCCTGCCCGAACCC
GGCGACTTCTGTTTTACTTCTGGGGCCTGTGGCAATTCAACCTGCAATGCGTGGAAATG
TACCCGCGCGACAACGGCACCCCGCGCGCTGTGCATCGGCGGCTCCGGCGGCTCGGC
GACGACTTCGACCAAGCCACCATCAACGCCGAACCTACCGGCACCGACACCATCCGCGAC
GTCCTCTCCGGCGTGCGCCCGAAGTCATCGACCTCGTCGACCGACCGCGCTCTTCGAC
TTCATCCCCTGCTCCAAGCGCTCGACCTCAAAAGAGAACCGCTTATCGACGCCACCCGC
TACCACACCTGCCGACGCTGCCAGTGGAAAACAGCGCCGAAGCCTCCGACGCATTCTGG
TCCTGCGTACTCGCCCTGTCTGCTCGGAAACGACGAACCTTTCATCGAAGTGATCGAA
TCCACAATGAGCACCTCGGCTGGGTGCGCGACGACGGCTCCCCACTACGTGCACCAGAG
ATCACCAGCGCTGCGAAGCCTCCCTGAAGATACTCGCGGAACCTCGGTGGCTACGGCCCA
GAGCGGCTTGCCCCGTTGGATCGCCTGGACATTTATAGGGAGCTGCTGTGTTTC

>naRXN00422-downstream

TAGGTATTGTGTAACCTCGTGTC

>naRXN00447-upstream

GAGCACGGCATCGTGATTGCGCGCTTCCCCGAGGGTGCGCGCATTTTCGGTGACCAACGCC
GAGGAACTGACAAGCTGCTGCGCGCTGGGAGGCCATCA

>naRXN00447

ATGCTGGGTAGTCTTTGGCGTTTTGCGGTGCGCACCGCAGCAGGCGCGGTGGCGTTGTGG
GTGGTTATTAAAGCTTATCGACGGCATCTCCCTGAGTTTTCCACACACCTCTCTATCAG
GACGGTCAGCACGACAATCTGCTGACATTCCTGGCGGTGGCAGCAATCATTGTCGTGTTG
AATGCCACGGTGAAACCCGCTTTGAAGCTGCTTGGTTTGCCGTTGACAATCATCACCTTG
GGTCTGTTCTCGTGGTCATCAACGCGGTAATCATGCTGCTGGCGGAGTATGTGTGAGAT
TTGATCGGTTTTCGGTCTACGCATTGAAACCTTCGGTGCGGCCTTCTGGGGTGCGATTGTG
CTGGCGTTAGTGAAGTGGGTTCTTGCCCCATTACCGGCCTCCTCGGTGCAAAAAAGGAC

>naRXN00447-downstream

TAACCATGGCGGATCTGAGCATT

naRXN00455-upstream

GAAGTGTCTGGCCGATTGGCTAACAATCTCTAGTTAAATCCCGCCTCATGAAACCACGAT
GAAACCAACATGAGAGTTTTTTCATCCACGTTTTCTGGCT

>naRXN00455

ATGGTTGTGGACGTGCAAAATCAATCACACACCCAGAAACCCAGCCTCAACCTGGGCAG
GGCGCAGCCAAGAAAAACCCCGTTGCGTCCGGAACCTCCACGTTTATTACATTACGCCA
AGCTTGTACCCCATTTTGTGCGCTGTTTTGTTGCAGTCTTTCTAATTTCAAATATCACC
GCAACCAAGGGCGTAGAAATCGGCCCGTTGGTGACAGACGGTGCGTTCTTCTCTTCCCC
ATCTCATATGTGTGGGCGATGTTCTAGCCGAATGTTACGGCTTCAAATCCACTCGTCGT
GCCATTCTTACTGGTTTTGGCATCACGATGCTCGCGGCGCTGTCTTTCTACATTTCCATC
TGGCTGCCTGGCGCAAGTTTCTGGGAAGGCCAAGAAGCTTTCGAAGCAACGCTCGGCCTT
GTTCCACAGATCATCGTGGCATCACTGGCGGGCTATATTGTGGGTGAGCTGCTCAACGCC
AAAGTTCTGGTGGCTATCAAAAAGCGCACGGGTGAAAAGTCCCTGTGGGCGCGCCTGATT
GGTTCACCGTTGTCGGAGAATTTGTGATACCTGCTGTTTTGCGCCATCGCAGCGCCA
GTGATCGGTATTGCCACCGCCCCGATTTCATCAACTACGTTGTGGTGGGCTTCGTGTGG
AAAACCTTCTAGAGGTCACTCATGCCCATCACCTACGCAGTCATTAGGTGGGTGAAA
CGCCGCGAAGGTTATGAAACCTTCGACGCG

>naRXN00455-downstream
TAGTACCGGCCTAAGAATTCTTC

>naRXN00473-upstream
GGGGCAGCTGTGGATTTTTTACAAACCACCCCTTTTCTCACACCAGCCCCGCATGAACAGG
CTGGTTGCACACCGTTGAAATGAGTGTTFACFGAAETC

>naRXN00473
ATGAGTGGAAACAGGTGTTTCGAAAGTTGTGGGGAGATGGCACTCCGGTGTGCTCCCTGAC
CTTTTCAGGATTAAGTAGAGCGGAGCGCATTGATGCGTTGCGTTACGCATGTCCACCATG
GGTGCTGCGGTGCCAAAGTTTGTAGCCGTCCGTGGAAGAAAGTGCTGAACAAAAGCAGGAT
TCTCTCGCCGAAAAACAGGACATAGTTGCAGTTCCTTCCGCTTTTTCTGATCTTTTCCCT
GGGATGGTTTGGCGCGTCGTGCGGTTACTCAATTGGTTGAACAGCCACTTGTGGTGGTG
GACTTCCTGGCTCATATTACTGCCAGGGTGGACACGCTGCGGTGATTGGGTGGAAGGAT
TTAGCCTACGCCGGGTGATTGATTCCGGAGGTGTGTGCGAGAACATCATTGCTATTCCA
AATCCTGGTACGGAGCCACTGAATGTGGCAGCGGTGCTGTGTGAGGGGTGGATGTGGTC
GTGTACAAAGGCCCGAGATTTCCCTGTGCCAACAGAGCGAGGCCGTGCTGGGAAAG
CTGAGGCAGGGGACTGCTGCCTTGGTGATGGTTGGCACGAAAGTAAGCTCACCGCGCGCTG
TCGGTGGATGCAGAGATCACTGATTATGTTGGCATTTGGTGAGGTAGTGGGCGTATTCTG
GGCGTTGAGATGCAGGTGCGGGCTGTGTGCAAACTCACGGTGTGCGCAGCGGAAAGTC
CTGATCAGTAGGCCTCAGGATGCAGCATTGCTTGAGCCTGAACAGCCAACAACGTTGCGG
CGGTTCCCA

>naRXN00473-downstream
TGACGCGGGTGATGGCATTGTGG

naRXN00485-upstream
TCAACTTCGGCGACGAGGTGGGCGCTATTTTTTATTGTTTTTCGCGATTTTCGCTTCGGT
TGCATTGACTGTTAGCGCCACTGCGTTGACAAATTCTTTG

>naRXN00485
GTGTCCAGTGTTAATGATCTTTTTTGCCAGCCGTATGAAAACGCTGATCTTGTGGTCACG
GTGTCTGCGAAAAACGAAGATTCTTTTGACGCTTTTGTAGCAACAATTAGCTACGACACCT
GGTGTTGAAGCTCTGGCTTTTGTATCAAAATTTTGCAGCCTCTGTAAAGCAATCAGACGGG
ATTTACGCCAGTACTTCAGTCCAGTCAATTTTCGGAAGGCCCACTGCAGTGGCGGCCAATC
CTAGAAGGCCGATTCGCCCCAAGGACCTGGTGAGATTGCAGTAACAACGGCCCCGGGTGCG
CCTGAAGTTGGTGAGCACGTATCCATTGCGCTGTCCCAAAACACTGAGGACACTGAGGTT
CTTGTGGTTGGCGTGGTGGAGCCAGCGCGCAGGAACTTTAGGTGGCGCACCGTTCGTT
GTGGCGTCTCCTGATGCGCTGATGGAGTGAATTCTTCCGGTGTGCGGGGTGAATCCGA
GTGGCACTTCCGATCCTGCTCGCTAGAGGCTGCAAGCTTTAGCGACGCTACGGTGGTG
GTTGCTTCGGCGGAGGGGCACGTGATAAGCTTGCTGATTCTTATTTGGGCCAGCGAGAT
CGCTATTTCTTGCTGCTCGCAGCGTTTGTGGCAGTGGCTGCTGCCGTGGCGTTTTTGGTG
GTCTTTTCTGCATATTCGGTGCTCACTGGTGAGCGAGTTGCGAGTTCCGGCTGATTCTG
TCAGTGGGCGCATCGACGCCGAGATTTTGGGGTCACTGATTTTTGAAGCCGGCATCCTC
GGTGTGGTGGCTGCTGGTTTTGGTGCGCCCGCGGATTGATGGCGGCGCTTTGTTGGCG
GATAATGCCGCACGTTTTGGCATTCTGTGCCCATTGATGTGATTGATCTGCCAAGTAGC
ACGATGTGGCTCATCGCTGGCGTGGCGTGGTGATGTCCGTGATTGCGGCATTACCGGCA
GTGTTCACTGTGTGCAGAAAATCCGCAGTGAATCACTGAGTACGCTGCTATTTGAGG
ACTTCCCCCTGGTTCGGTGCATTATGGTTGCTGCTCGCGGGCATTGTGGGCGCCGGCGGA
ATGTGGGCGTATGAGGCAACCTCGGACTACCGCGGCATGCGTTCACTGGCTTTATCCATC
GCCGTTTACGGCGCTTTGGTGTGTGCGTTGTTGATTGCCACGGCGGTGCTCGTGCCCTGG
TTATTGCACGTATTCTCCAGGATTGTGGGCGGCACCGTCCCAACACTTCAGTTGGGATTG
GCGTTTGCAGCAAAGCAGAAATCTCGTTCCGGCGGCGCTGATCGCTGTGATTCTTGCTGGT
TCTGCATTAAAGCTCCGCTGTTCTGCATGGCCAGGCACATATCGGCACGCATTTGGTGGCC
GTGGCTAAAGGCATGGGCGGCACAGACATGATGGTTACAGCGCTTGATGGGGAAATCCCC
GCCGGAATGCTGGAGGAAATCTCTAGCATCGACGGCGTGAAAATGCCATCGCGCCAGCC
ACCACCGCTGTGGAATTGGAAGATTCCGGCAATTTCTCTGTGCTCATGCTCGCTGAAGAA
GACGGAGCCTCCGTGATGCGCGCAGGCGATACTGGTGACCAAGCTGGTGGCCTTGTTTTG
GGCAGAACTCTCCTGACCAGGATGCTTACCGGCGCGCCAGGCTGCAAACATCATTTGTC
GCGGATACCCCAACGCAGGCGGAAATCTTCCACAGCGACAACACTTCTCCATGATCGAC

CCAGCACTCGCCACCGGCCCCAGCACCACGCAACGTACTGATCCTGCTCGACGGCGAC
TCCAACCAGGCCCCGACAACGCCACGGCGCAGGCGGTACGCAAGACCATTTTCGCTTTTC
GACGGACGATACTCCATCACCAGGGGTTTCTCCGCCCCGCAAAACACTTTTGAAGTGGTT
TCCCGCATCACCACCATGTCCACACTGCTTGCCATCGTGGCCTTAGCGATCGCTGCCGTT
GGCCTGATCAACACAGTGGCACTCACCATTCTGAGCGTGCCCGGATCGTTATTTGCTG
CGCACCATTGGACTGACCTCAACTGGTCAGATTCTGGTGATGGCTATTGAAATGATCGCG
CTCTCATTTGCGGGGTGEEATTGTTGGTGAGTTTCGGGAGGATTCTTAGGCAGATTTCGTT
GCCAGTTCTGCCACCAACACCGCTGCGACGGCACCATTCAAGTAGACATTCTCGGCGGA
ACGGTTCTCGCGATGGTCGAGGATCTGTACTGTGCGCGCTCATCGTGCTGGCGAACAAA
CGACGTCGGGTGGTT

>naRXN00485-downstream
TGATTATAAAATCCAAAATCGA

>naRXN00496-upstream
CTGCAGAGATGGTGGGCAGCACCCCAGGTGCTGTACGAGTTGCCAACACAGGGCACTCA
CGACACTTCGAAGCACACTTGAGCAGCAGGAGAACAAGTA

>naRXN00496
ATGACTCGACGTCTACATGGTGGTGAGCAGGATGGCCAGGAACACGTTAAAGGACAGCTA
AAGCAGCTGTTTCGACGACGACGCGTTCTTGACTGACCTGTCCCGCGCGTTGATCCCTCA
GAGGGCGATGACGCCCTCGCTGGCCTCCTCCTCGATTAAACAAAGGAAGCTCAGGAGCCG
CCGGCAACAATGCCGATTGGTCTACTTTGCTCCCTGGAATTTTGGATCAGGATCAGGAT
TTGCCAGTGGAACTCCACTTCGGACACCACGTTATGCAGGCATCAAACCTGCAACCCAA
GAATTCGCACCTGTTTCTATTCTGATACCCCAACACTGCAACTAATTCAGCTGATGCA
GATGAGTCCGCAACTGTTGTTCCACTTGACGACGCGCGTGAGAAGCGTGCCAAGAGCGGA
TCAAGCGGGGTTCACTGATGCTTCGGCAACCCAGCGCAAATCTCACCATTCTCT
AGCGGTTTGGTGGGTGCTGACGCTGCAACTCTAGTCATCGCAGGCGGTGGAGCAGCAGTG
TACAACGCTGATGAAAACCTCCCGTTGTATGGCATGAATCAGCAGCTGTTGGCAATCAA
GATTCTCCAAGCGTGGTGGAGCTTGCTCCACGCTGGAAGAAGTTGATAGTCGTACAGCT
AGTGGCGATGTGGAAGGGGCACGTGCTCTACTCGAGCAGGCTCGAGCAATGCTGGATGGC
ATGGCACCTCCTCGAAAGGCGCGCTCGGAGGCAACCCGAACGGTTGAATCTGAACCAAGT
ACTCAGACGTTGACTGCAACGTTACTGAATCCGCAAGTCCGGAACCAACCGGTACGGA
ACTCAAACCTGTTACCTCCACCGAGGTACAGACAGTGACAACCACTGCGGTTGCTCCACCG
GTCTGGACTCCTAATCCAGAGCCAACAACCACAGCTGCCCCGACTTCTACGCCTTCAACT
GGTGGCGGTGAGGGAACCGCAATGATGGTGAATCTGGACTTGTGCCACCTCAGACTCCT
GGAAAC

>naRXN00496-downstream
TAGGTAAAAATATAAAACTGCT

>naRXN00503-upstream
AATCCACGAAGGTGCCCAAGAATCACCAATTTTCGGTCGGAAGTATCCTTCTTTGTCCGT
TGAGACCCACAGGTGTTTTAAACATTTAGTATTAGTTCC

>naRXN00503
ATGAAACAGTCTTCTCCGTTGACCAAATCCGACGCGCAGAAAACACCCTTTTGGAGCTT
CAGGCAGATCCGATGAGCTGATGATCTCCGCGGCATCGGCGGTGGCCGATGTGCGGTTG
GCAATGGTGGACGGCCCCGCTCCAGCGGTCTCCAGTGAGGAGTCAATCCTGCTGCTGGTC
GGCCCCGGTGGCAACGGTGGCGACGCCTTGATGCAGGCGCGTTTCTTGCAAGAAGGC
CACCACGTTGATGCTTTGCTGTTGGGAAACGGCAAAGTCCATCAATCAGCATTTGGCATAT
TATGAGTCTTTGGGCGGGCAGATCATTTCCGATTTTCCCCCTCACTACCTCTACCGCCTG
GTGATTGATGGTTTGTGTTGGCATCGGTGGTCGGGGAGGGCTCACCCAGAGCTGGCCAGT
TTGGTGGAGTCTTTTCCGCTTCAGGTATCCCCATTTTGGCGATTGATGTGCCGTCTGGC
GTGCATGCCGATAGTGGTGAAGTCCGCGCGCGGTGATGGTGACGGTGGAAGGATTTGAT
AATGATGCACCGATGGCGCGTCAGAAAATTCGGCACACATTGACGCTGATGTCACGATC
ACGTTTGGCGGTTTGGAGACGCGCCACGCGGTGAGTCTGCGTGTGGTGAAGTGTCTGT
GCTGATATCAACATCGCTGGTGGCGCGGAAAATCGCTGTCCGCTGAGTTGAGTCAGGTG
CAGGCAGAAGACGCGACCCCGCAGATGTTTGCCTCCAAGGCGTATCAACGGAAGATTTCG
CTTTTGGAGCGCGCAATCTCAAAGCTACGGCGCCACATATCCATAGGATCGGCCAGCAC
TTTACCGTGTGAACATGGAGCCTGGCCCGGATCATGATAAATACAGTGGCGGAATTGTC

GGCATTGTTGCAGGTAGTGGCACCTATCCAGGTGCTGCTGTGCTGTCGGTGAAGGCGGCT
 GTCAGGGCCACAAGCGCCATGGTTTCGATACGTTGGCCCTGCGTTAAATTTTGTTCATCCAG
 TCGCTGCCGGAGGTTCGTCGCAACGCAATCACTTGCCACCGCCGGCCGCGTGCAAGCGTGG
 GTGCACGGCCCCGGACGCGGGCTGGAGGCTGAGCAATCAGCCGAGCTTGGGAGCTTTTG
 AGCCGGCCTGAGCCTGTGCTTATCGACGCCGACAGCCTCTCATTACTCCAGCTCTCAGCG
 GAGCTTCGGCAGGCGTTGCGCGAGCGAAAAGCACCACCGGTGCTCACTCCGCACAAGGGC
 GAATTTGAACGCATCGCAGCAGAATTACGCTCTGAAGGCGTCGAGATTCCTCAAGCGGAC
 AAAGATCCCATTTGGTGTGCGCAAGCGTTAGCTAAAGAATTTGATTGTTGCGTACTGCTC
 AAGGGGAAATACACCGTCATTGCAGCTCAGACTTTGTGCATGCGATCAACGCTGGGCAT
 TCCTGGTTGGCTACACCTGGCTCTGGCGATGTGTTGTCAGGTCTTGTGCGTGACACTTG
 GCTCAAAGCTACGAGAATTAAACCGCTTGCCGGAGTTTTTCCCGATGTGACCTTGTCT
 GATTCGGCGATTTACACCCAGATTGCACCTGTGCGACCATCCACGCGGTTGCTGCTGGG
 TTGGCCGCACGAACCGAATTTGGGTTTGGCGCCGACCTCCGCAAGTTTGATCGCTGATGCC
 ATCCCTGCAGCGACCGCCAAGGTGGATTGAAGCGAATTGTC

>naRXN00503-downstream
 TAGCTCTGCATGAATTCCGTATG

>naRXN00504-upstream
 AAGGTGGATTTGAAGCGAATTGTCTAGCTCTGCATGAATTCCGTATGAATTCTTTCTTT
 CAAGTGGCCGAGATGTGAAGCGCACGGTTAATTGAGAGGC

>naRXN00504
 ATGACCTACGGATTTCTTGTCAACACAGATCTCACCCACCGCGCGATTGACTTTGATTTA
 GAAAACGCTGCGAAGTTCTCGGCGGTGCCGATGATGGCCGCGTCGCTGTCGCTTTCCAA
 GAGGATGGCACCTGTACGCCGCTCTCTACAGCGCCAGCGAAAAGATGAGGCTGCCGCA
 GCAAACCCAGTAGCATCCCTTTGGCCGCAACGCCGCTGCTACCGGTGATGGCTCCTTCTTC
 TCTGATCCGACCACTGCAATCTGTGGCCCTGTGATCTTCGTGGGGGCCGAAGCGAAGAC
 ATCAGCTTGGATGAAATTGAGCGAATTAAGGACGGCATTTCGCGCCGCTCGTAACTACCGC
 GATGATTATCCAGAGGAATTCAACCTGTGGCGCAACGCTGTATATAACCTGCGTACGGCT

>naRXN00504-downstream
 TAAAGTTTGGCTGCCATGTGAAT

>naRXN00505-upstream
 TTGCGGAGCGTTTAGACACCATTAACTATGAGGTAGTGTGCCGACCAACCGGCCGAAGTG
 TCCGCGCATATGTTTAAGTGAATACGTTTAAGGAGCAGCA

>naRXN00505
 ATGAAATCTGAGTTTCCGGTATCCGGCACGAGGCGTTTTGAGCATGCCGAGATACCCAA
 AATTTTGGGGAAGAATTAGGCAGGCATCTAGAAGCTGGCGATGTGGTGATTTTGGACGGC
 CCGCTGGGTGCTGAAAAAACACATTTACTCAAGGTATCGCTCGTGATGTCAGGTGAAG
 GGGCGGGTGACATCGCCGACGTTTGTGATCGCGAGGGAACACCGCTCGGAAATCGGTGGG
 CCAGATCTGATCCACATGGATGCCTACCGATTGCTGGGCGAAGACAGCGAGGATGCTGAT
 CCGATCGGTGCGCTGGACTCTTTGGATTTGGATACCGATTGGAATTTGGCTGTGGTTGTT
 GCGGAATGGGGCGGTGGCTTGGTGGAGCAGATCGCTGACTCGTATCTTTTGATTACCATT
 GATCGAGAGACCGCTGTGCGAAGACCCGGAATCTGAGGCTCGAATTTTCCATTGGGAA
 TGGCGCGAAGGCCG

>naRXN00505-downstream
 TGAGAAAGTTTCCACGCTAAAA

>naRXN00507-upstream
 GTTCATGTTGAATATTGTGCCACCAACCGCGGACAGAAATACGATTGGTGCCGGGGTTA
 GTGCCAGTATTGCCCCACGCTTTCAACTATCCTTAAACAC

>naRXN00507
 GTGGCTGAGAATCTGAACAAACACCTGTCCAAACTGTCCAAGCGCGACCGCACCGCGTG
 CTGGTAGGCGATATGAACTACGCCGGCATCCCGGGCAAAATCTACACCCAGCAGAAGGC

GACGGCATCCCAGGTGTAGCTTTCGGCCACGACTGGATGAAATCCATCAAGTACTACCAC
 CAAACTTTGCGACACCTCGCGTCCTGGGGCATCGCTGTTGCCGCCCCAGACACCGAAAAT
 GGCTTCATGCCAGACCACAAAGGTTTCGCCTCTGACCTCGAATCCTCCATTAGATTCTC
 GCGGGCGTAAACTCGGCTCCGGAACGTACCGTCAACCCAGCCTGCCTCGGTGTAGTA
 GGCCACGGCATGGGTGCTGGGGCTGCAGTACTATCCGCAGCAAACCGCGACCTCGTGCGC
 GCAGTCGGAGCAATCTACCCAGCGAAAACCTCCCCCTCAGCAATCGACGCCGCTTCGCT
 GTCAAAGCCCCAGGCCCTAGTCATCGGATCCTCCAGCCTCGGCCTCTTTGAATCCGGCGAG
 CCAGCAAACTCGCAGCCAACCTGGGCCGGCGATGTCTGCTACCGCGAATCAGAAAAAGGC
 AACCAACAGGGCTTCTCTGAAGACACCATGTTCAAACCTGTTCGAGGAATCGGCAGCCCCA
 CAAACCGGAGCTCAAGAAACCGTCCGCGGCCCTCCTACCGGATTCTTCTCCACCAACTT
 GCCGGAGAAAAGAAATACAAAGCATTCTCCGAACAGACGCTGAAGCTAAGAAAGTTGTC
 TCCTACTTCGGCCAGGAGCTGCAGGAACATGCCTTCCCTAAGGACACGTCCCCATTGCGC
 TTCCTTAACGAGAAG

>naRXN00507-downstream
 TAGTTCGCTTTTCTTAGTGGGTG

>naRXN00510-upstream
 ACGCTTTTACCCAAACAACCCAAGCCGCCGAGGAAGAAGTTAAACGATTGACAATACCG
 ACAAAGTTTTTGGTGCCGATTGATGGGATTGATCCGAA

>naRXN00510
 GTGAATGATCCTTTAGCCGGCTACGGAGCAGTGATCTCCGCACTACAAGGCGCCAGTGGT
 GGGATGTATCGCGGACCGGCGAAATCCGAAGGCCAGTTGCGCGAGATGTACCAAACCATC
 GAAGGGCTAGACACCAAGCTCGTTGCGCGAAGCTGCCGAAGCAGCAGTGGGCGGAACGAAC
 GAAGCCAGAATACAAGGGTGGGTGCGCCCGCTCTTGAAATTCTTCGGGACGGTTGGCGGG
 GGAATGATCGCCACGGAGATAGCTGAACGGGCAGTCGATTGGTTCAAAAACCGTAATGAT
 GTGGAAGAAGTCAGCGAAGCCGCTGATAAAGCCGCCGATGCGATCGACTCCACTGTCACA
 GAGTCCGACCAGGGCATGATGCACATTATCCAGCAGCTCTTGACATTGTGTCTACGTTG
 ACGCAGATTCTTGGCAGCATGGATCGGGGGAAATTTCCCTCAAGAATTCCGGGACTGTGTC
 CAAACTGGAGCTGATCTTATTGACCAGGCAGGGGACATGCTTGAAGGATTGTGCGCTGAT
 CGAGATGATGCGATTTACAGTGTCTTCCGCGTTGACCGATCATGGAAAACAAGTTTGT
 GAAACTGAGCCAAAGCCGTTGTGTAGTGCAGCTTCTGGGGGTTTCATCTGGTGGAGCGACT
 TCTTCGGCTGCGGCCCTCTTCAGGTGGTTCAAGCTCGAGCACTGCTAGCTCTGGGAGTTCT
 GGCGGATCGAGCAGTGTGCGGATAGTTCGACGTCGACCAATGCTGAATCCAGTGTGAA
 AAGGAAAAGACCACACCTGCTGCCGTTGAGAAACCTGACGAGAAACAGTGGAGAAGCCG
 GTTGAAAAGACGCCAGAAAAGCCGTTAGAAAACCTGTGAGAAGCAAGAGTGTGAAGAA
 AAGCCTGACCCTGACCCGAAAAATGCAAAACAGAGCCGGTCGAGTGTGAGCCAACACCG
 AAACCTGAAACAGAGCCTGAACCAAAACCGACACCCACGCCCACACCCGGAACACCAACA
 CCAATACCTGAGCTAGAGACTGAGGATTGTGAACCTGGCAAGGAGACGGGCACAGACTCA
 GAATCTGAATCGGAAGAGTGCGCCCCGAGCTCAATGACGTTCCAGAAGAGTCGGATCTG
 ATTGGGCAACTCATCAAGGAGCAATCGGTATTGGGATTGTTGTTGTAGGCGTTGGGCTG
 TTGGTGAATTTCTGGAGCAGTGCGTCCCTGTGATTGAAGAAGTACCTGTGCCGGAGCCC
 GAGCCTATACCTGAACCCGCTCCGCAGCCTGAGCCAACTTCAGTGAAACCACAGAGTCT
 GAACTAGATAAGGTGGCTGAGCCTGCGCCGAAGCCAATTCACAAGCTAATTACACTGCT
 GCTGCAGCAACTAATATTCCGCTCCCGCGCACGCTCCCGTTGTCCCAATTACGCCGGCA
 GCACCTGAAGTTCCGGCAGCACCAAGAAGTGCCTGCACCGCGGTTAATCTTCACAAGGCC
 GGCGGGTGG

>naRXN00510-downstream
 TAGCGGTGGAGTATGCGGAATTT

naRXN00515-upstream
 GTTGACGCACTGAAGAAGTAAAGTCTCTTCACAAAAGCGCTGTGCTTCTCACATGGAA
 GCACAGCGCTTTTTCATATTTTATTGCCATAATGGGCAC

>naRXN00515
 ATGCGTTTTTCTCGAGTTCTTCCCGCACTTCTTATCACCACCGCCGTGAGCATCCCAACA
 GCATCTGCTGCCACACTACCGCCGACACCGACAAGGAATTGTGCATCGCCAGCAACACC
 GACGATTCCGCGGTGGTTACCTTCTGGAACCTCATTGAAGACTCCGTGCGCGAACACGC

CTCGACGAACTAGACGCCCAAGATCCAGGAATCAAAGCGGCGATTGAAAGCTACATCGCC
 CAAGATGACAAACGCCCCAACTGCTGCTGAACTGCAAGTACGCCTCGATGCCATCGAATCC
 GGCGAAGGCCCTAGCCATGCTCCTCCCAGACGATCCCACGCTGGCAGACCCCAACGCCGAG
 GAAAGTTTCAAACCGGAGTACACATACGACGAAGCCAAAGACATCATCAGCGGATTCTCC
 AGCGATCCAGCCAGCGATGTACTCAGCCAACTTCAACAAGCCGCCACCACCGGCACCCGC
 ACCGCAGAAATCCGCGCCGAAGTATTCGCCGACCGCACCGATGATTACAACGAATCCCAA
 ACCGCTCTTAAAGAGGATTTCCAAAACCTGCATCGATGCCATCGATGACGCCCGCCCAATC
 CCACTGCAGTACATCCTGATTGGAGGCGCCATCGCTTTGGCGGTCATCGTCCTCGGGATC
 AGGGCGTGGACTAACTCAAGGAAGCAGTCCAAGCACAGCCAG

>naRXN00515-downstream
 TAATACGCCAAGCAAAAAATTGC

naRXN00527-upstream
 TTCCTTGGCCCCGAAGAAATTAATCATTGTGGCCGTGGTCCTGATTTTGATCATTGCGGC
 TGCCTCGTTTTATTTCTGCGTTCATCATCGAATGACCAG

>naRXN00527
 GTGATTGCCACTTCTGATGTTTCGGGAGATTTCTCCGAGGGAATCGTGGCGCGTGTGTCT
 GTCAACGGAAATATTGAAGCTGCGCGAACCACCACCATTTACACCAGTCTGACTGTGCCG
 GTCGCGAATTGCCGGTTGCGGTTGGTGACCGTGTGGCAGCTGATCAGGTGTTGGCTGAG
 TTGGATGCCCTGCCCCTGCAACGACAGTTGGATGAACTGATGCCAACAATGCGCGTGCA
 GCCATGGCGAACC CGCAATTCCATCGCGCAGTCGCAGCAAGCATATGAGCAGTCCAGGGAA
 CTTCTTGATAGTGGTTTGAGCCCGAGATCAACTCGGCGCGGTCTCGTTGCGGGCGTCC
 TCACAGGCATATCAGGATGCGATCCGCAGTTTTTGAAGCGAAGCAGCGAGATGTGGATGGC
 GGATTGGATTCCACCATGGTTCGCTCAATCGGATGCTCTCAAGGCAGCTCGTGAGCAAGCA
 GATGCTGCTGAAATTGAACGACTGCGCGCGGACTTCGGACTGCTCAACAACGATCGCAGC
 AACCTCAACGATGTCATTGGTCTGCTCGATGAGAGAGAATCTTTGGCTTCTGCGGAATCC
 GAACTAGCTCAAGCCCGCGCTGCAGGTGACCTAGAGGCAGTCGCTGCAGCTGAAGCAAAG
 GTTGACGGCCTGGAACAATCAATTGCTTCCAAAACCTCCACGTGGCCTAGCCAAGATCAG
 ACTTACTTGACAGTCTACACCGCTTTGGAGGAAGCTGAGCGACGCGTCGCATCCACCACT
 GAAGCTCTAGAAATAGCCGAGCGGATCTACATTGATTCACTCGGAAAAGTTGACTCAGAA
 CTAGCCCGCCGACAGCGCGCCGTTGCCGAAGCCCACTCAGCACACAAGACGCGACACTT
 GGCCTCGAGACCGCGCAGCTTTCCACCCAACACCAATTGGAAGCCCAATCAAGCGCCATC
 GATGCAGCTTTAGGTTTGGCATCAGTAGATAATGAAGCCGCCACCAGATCCACGTCCCAG
 CTGCGGATGGATATCAACAACACCACCGTTTCGCTCCCCATACTCAGGCATTGTTTCATCC
 GTGCAGGCAGCCCAAGGTCAACCAGCAGCCGCGCACTGTTGAGTGTTGCTGATGATTCC
 GAACTGAAGATCACCGCAATGTAAAGAAGCGGAGATCAGCAACGTCACCATCGGATCC
 CGCGTCACCTTCACTACCCCATCGACCGGAACCAAGAATTTCGCCGGCCGAGTATCCAAA
 GTCTCCCCCATTGACAGCTGCCGCCAGTGCCCCAGCTACAGGTGAAGGAGCTGCCGCGAGC
 GCCACAACCACCAACTGACGTACCTTCCCCATCGAAATTTCCGTACCGGCGACCCGC
 GAAGGCCTCAACCTCGCGGATCCGCTCGAGTACGCATCGTCCATGAAATCGCACCCACAC
 GTACTGACCGTTCTTTGGAAGCTGTGTACAAAAATGATGACGGCAAAGACGCTGTTTTG
 ATCATCAGCGACGACACAACAAAGTAGAAGAAGTAGAAGTAAAAACAGCTGAATCCGATGAC
 TTTGATATCGCAGTCAGCGGTGCTGGAATTTTCAAGACGCTCGAGTGCTCACCAGCCT
 GGAAACTACCGGGGCTCATCGGAGAACTGTGAACTTACGCAGATACGGTGGAGCAG
 GCGGCGGCTCCTTTTAGTCCTGCGGCCCTTTTGACCCTGCAGCCCCTGCCGTTTCTGCC
 AAGCAAACCGTGGGCCAGGTGATT

>naRXN00527-downstream
 TAGCCTATGAGCCTCATCGAAAT

>naRXN00547-upstream
 GGTCTAGCCTAAACGACCTTAAAAAGGAGCCGACCGCCGATGGACCAGAAATTGGACCA
 GCAGAAGGTAGACCGGTATCGCCCGGTGATAGTGAACCG

>naRXN00547
 GTGGCAGGGATTTTATCAATGCAATCGGCGGTGCGTTTGGTTCGTTTTGCGCAGGTGGGC
 ACTCAGCGGTTCTGGACTCCCCTGCGTGTTTTGATCACCATTCCCTGGTGTTTTTGGCC
 ATGGGGTTTTTAAACAAAAGCCAATTGCATCCAGGGTTCTAGAGGTACTGATGGTGTGGTT
 TCTTTGAACTGGTCGGGAAGTCGCCAGTACACCTCAGCCTGTTACAACGACATCGTTCCG

CTCTATGGGGGGCGCGGAATTGATGCGCCAGGTTTCCCTTATGCCTTTTCGTGGCAGGAA
 GGTGATCTCACCAGGTACATGGAGTACCCGGTGTGGGCGGAATTTCCAGTGGATTTGT
 GGCATTATCACGCGGTTTTTGTACCCGGTGTGATGTCATTCCGTTTCATACGCTGCCT
 GAATCTGGTCTTTATTTTCATCGTCACCGCGCTTGCCTTGGCGTTCTTTTGGGTGTTGGTC
 ATCCGCGATGATGGTGGAGCTCACTGGCAATCGAGTGTGGGATACCGTCCTTGTGCGGCG
 TCTCCCTGGTTGCTGTGCATGCGTTTTACCAACTGGGATACTCCAGCCATTGCGGCGGTG
 ATTGGTGCGATGCTTGGCGGTGAAACGCGGAAACCCCTTGGTTGCGGGTGTGCTGATCGGC
 GCGGGTACGGCGTTCAAATTGTGGCCGCTTTATCTTCTTGGTGCGTATTTGGTGCTGGCG
 GTCAAGAATAAGAATCTCAAGCCGTTTATCACCATGGCTGCAGCGGCTGCGGTGACATGG
 CTCGTGGTGAATGTGCCAGTGATGATCGCGTACCCCAAGGCGTGAATGAATTCTTGCGC
 CTGAACCGGGAGCGTGGTGCGGAGTGGACCACGATTTACCAGGTCATCGACCGTAATTTG
 CCGATCAATTTGAATGATCCAGTGCTGCTTAATGTGCTGAGCTTCGGCTTGTGTTGGTGCA
 TCGTGTGTGGCCATTTTGATCCTTGGGCTCAAGGTGCAGCGCACTCCCCGAGTCGCTGAG
 CTGGCCTTTTTGATTGTGCGGCGTTTTTGTGCTTTAACAAGGTGTGGAGTCCTCAGTAT
 TCAGTGTGGCTGGTCCCGTTGGCTGTTCTGGCATTTCCTCAGTGGAAAGTGTGTTCCCG
 TGGATGGTTACAGACGCCATGGTGTGGCCAAATTTGATGTGGCACATGCTCGGCACGGAC
 AACAAGGGACTCCCCCATGAAATGTTGGATCTCATCGTGATTTCCCGAGATGCCTTCATT
 GTGGTCATGATAGTAGGTGTAATCCGGCAGATGCTCGGACGACGTGCAGATCCGGTGATG
 GATGCGCACGCCGGCGCGATTTGTTGGCCGGGCCCTTCGGCGCAGGCGAGCGTCGAAAA
 GCATTGAAGGAAGTAAGT

>naRXN00547-downstream
 TGAGCACAACAGTTTTGCTGGTC

>naRXN00552-upstream
 CCGCCAACAAGGCAGCAAAGCTCGATCCAATTGACGCCTTGCGTTATGAGTAAAAGCCTC
 GTTTTTAAGGTAGCCACACATCGCACTAGACTGAAGAACT

>naRXN00552
 GTGGCTACCTCAAAAAATTCTTCTTTATTACGCATTCACCCCGCTCTCTGACCCTAAAGCG
 GTTCAGCTGTGGCAGCGTGAGCTCTGCGAGTCACTGAATCTTCGTGGCCGCATCCTGATC
 TCCACTACGGCATCAATGGAACCGTGGGCGGAGATATTGATGATTGCAAGGCGTACATT
 AAAAAAGACCCGCGAGTACCCAGGTTTCAACCGCATGCAGTTTAAGTGGTCCGAGGGTGGC
 GCTGAGGATTTCCCAAAGCTCAGTGTCAAAGTCCGCGATGAGATCGTTGCCTTCGGCGCT
 CCAGATGAGCTCAAAGTGGATGAAAACGGCGTCGTCGGTGGCGGCGTTACCTGAAACCA
 CAGCAGGTCAATGAGCTTGTGGAAGCCCGTGGCGATGAAGTTGTGTTCTTTGACGGCCGC
 AACGCAATGGAAGCCAGATCGGCAAGTTCAAGGACGCTGTTGTCCCTGACGTAGAAACC
 ACTCATGATTTTCATCGCAGAAATTGAGTCTGGAAAATACGACGATCTCAAAGACAAGCCT
 GTGGTCACCTACTGCACCGCGGAATTCGTTGTGAGATCCTGAGTTCACCTCATGATCAAC
 CGTGGTTTTCAAAGAGGTCTACCAAATCGATGGCGGCATCGTTGCTACGGCGAGCAGTTT
 GGCAACAAGGGCTGTGGGAAGGCTCCCTCTACGTTTTGATAAGCGCATGCATATGGAA
 TTCGGCGAGGATTACAAAGAGGTGCGACACTGCATCCATTGCGATACTCCACCAACAAA
 TTTGAGCACTGCCTCAACGAAGATGATTGCCGCGAGCTCGTGTGATGTGCCCTGATTGC
 TTCGCCAATGTTGAGACCCGTCATTGCAAGCGGAACGCTGTGCAGCAATTGCTGCGGAT
 TTCGCTGAGCAAGGAATTGATCCGCTCGTTACTTCT

>naRXN00552-downstream
 TAAAAAGGGTATGGTGGCTGGGT

>naRXN00555-upstream
 CCTGGTGGATATCACTTACTGAGCTTGACAGAGGTGTACGGTAGCTGGAAAGAGACCGACAG
 CGGTTCTTAACAGTTTTCTCCATCTCAACTCCGGAATTTG

>naRXN00555
 ATGAAACAACCCCTTCGCGTACTTATTTCTTGTGACCCGAAGAAAATTCGGGTGGCAAA
 CGTAGTGAACAAAATGATGCTGTTTTTGAGTTCGCCGCATGGCTAGCTCGTACTTCAGAC
 ATCAATGTTCTGGGAATCACAACCTTTCATACGCCCTTGGCCGTCTTCCTCCATCAGTAAG
 CTCGGAGGAAAATATCATAAGTGGTATAAGAATTTAGATTCTTACTACCGCAGTCGCACG
 ATCAAGGGACTCAAAGAGGCGGAGTTGAGAAGTCCCAATGGGACGATGATGTTTCAGTT
 TTTGTAGATGGTCTTCTGAATCCACGCTGCTACCCATGCTGCTGAAGAATTCGAAGCG
 GACCTCATCTGCTTGGCTCTGATGCGACCGCACCAAAAGGCCGCTTTCTGGCCAGCTCC

ACCGCAGATGCCCTCCTTCACTCCTCGCCCGTCCCACTAGGACTTGTGCCGCGAGGGGTG
AAGCTTTCCAAAAAGGGTGTACCCGCGTCAACTACGCTTTCACCAATGAAAGCGATGAC
TTTGAGCAAGGTTTACGCTCTTCCGCGGAGCTCGCCACCAATTGGAACGTTCTCTTCGG
ATCCTTGCTTTTTTACCCACAGGCATTACTTCCGCACCAACGTCGCGGAGCTTGGATATT
TCCACTGAGCTTCTCCTCCGAGTGGCGTGAACCTAACGCTCGCCATGCTTGATCGAGCCCGT
GATGGCGTCCCTACAGACACCCAAACTTGAGCGTGAGCAGTGAAACCGGTTCTGGCTGG
GGTTGGAGCGGTGCAATTGATGCTTTGCGATGGAAGAAAGGTGACCTGCTGTGCATGGGA
AGCCATCGCACAGACACCTTTACGTGCTTTGTGCGTTTCGAAACAATGGAAATTATC
CGAAACTCTCCTGTACCGACCATCATTTATCCCGGTCTT

>naRXN00555-downstream
TAGGCTCTCCAACAGCAGAGGAC

>naRXN00560-upstream
AAGGACGACTTCTGGGGAGCGGTGTGGATTCTCACGGGGATTCTCATGCGGATTATCAGA
CATATGGACACTTTAACGGTTCGTACTAGGCTGATGCTTC

>naRXN00560
ATGAGGATTGATCCGCTGGAAACCCGGCAAGCCGTATTGGCCGTCAAAGACTGGATTGAA
GGGGAGGGAGACGTCAAAAAGCCTGGTCTGCGGCACTTGCCGCCGCAACTCGCCTGAGC
GTCCGACTGCTCGCGCAACACGCGCCGGGAAACAGCGTGGAGGTGCGGGTACCCCCATTT
GTTGCGGTGCAATGCATAGAGGGGCCAAAACATACACGCGGCACACCACCAACGTGGTG
GAGACCGACGCCAAGACCTGGTTACGCTTAGCACCTGGGCAAACCACATTGATGCAGAA
TTTGAAAGCGGAAAAATTAGCGCATCAGGTACCCGAGCCAAAGAGATTGCGGACTGGTTA
CCAGTGGTCAAACCTT

>naRXN00560-downstream
TAGATTTCCCTAATGCTCATTAGT

naRXN00574-upstream
AACTGCTGGGCACTACTGAGATTCCCATGTGGGATGTGGACCGGTGGCAACCATCGCTTC
TCAAGCCCGGTGATTGAGTTTCGATTTGTGCAGGTGAAGAA

>naRXN00574
ATGAGCTTCAAAGTAATTTCCACTGGCCCCCAAGCCATCTTCCAAGACCGAGGTCGCTTC
GGTTTTTGCCAGCGTGGTGTGGAACCTCAGGATCCTTTGATCGTTTATCCGCTGCTCGC
GCGAATCACGCTTTAGGTAATGATCCCAATGCAACCGTGGTAGAGATTCTGCTCGGTGGC
TTTGAGGTGGAGGCGTTGCACACCACCTCGATCGTGTTCACGGGAACCTGAAGCTGAAGTG
ATGGTTCGAACGGCTGGTGGACAATCCAAAAATGCCACCACCAACACCATCATCGATGTT
GCAGCTGGTGAACGTATCCGCGTTCGAGCCCGCAACCTATGGCATGCGTGCCACTTTGCT
GCTCGCGGTGGATTTGCAGTAAAAAAACTTTGGGATCTGCTTCAACCGATCTGATCTCC
CACATGGGCCCTTGCCCGATCGAGCCCGGGGATGTCATTGACGTAGCAACAGACATTGCA
GATTCTCAGTGGTGGCCAAACTTCGGCAACTGCCACCTTATGGAAACCGATGCCAACA
GAAACGCTTACCGTCATCCGAGGTCCACGTGACAAATGGTTTACGCAAGAATCCCTCAAC
AACTTTTTTACTCAGGTGTTTACGGTGAGCAATGACTCCAACCGGATTGGTTTGCGCATG
CACTCAAGCGAGCCGATCCAACATCGTGTGGAAGGCGAGCTGAAAAGTGAAGGAATGGTC
CGGGGTCCATCCAGATTCCGCTGGTGGAAACCCCGTGGTGTGTTGGTCCCGATCATCCT
GTGACCGGTGGCTATCCAGTAATAGCAGTACTTACATCAAGGTCGTGTGATCGTTCGGCC
CAGCTGTTGCCGGCGATAAAGTCAGATTTAAATTGCTT

>naRXN00574-downstream
TAGGAACCTTGAGCTTGCTCTGG

naRXN00589-upstream
CCGTTATCTCCGTAACGTGTTTCTGCAGAACCATACTAGCAAAAGCCGCGACAC
TCCGCGGCAAAACTAACCAAGGATTTAAAGTCTTCAA

>naRXN00589
ATGACAACTCTTTCACGTAAGTTCTTCGTTTCTGCTACCACAGCCCTGGCGGCAGTCGCA

CTGGTTGCGTGTTCCTTAATGAGATTGATTCTGAACTGAAGGTGCCAACGGCAACTGGC
GTTTCTTTACCTTCGAAGAACGTTTCCGCGACCTCAACTGCTACTACAGATGAGGATGCG
CCTGGCTACATTGATTGCGTAGCCGCACCAACTCAGCAACCTGCTGAAATCTCACTAAAC
TGTGCAATGGATATTGATCGGCTCACGGATATTTCTTGGAGCGAATGGGATACTGATTCC
GCAACTGGAACCGGTACCCGCATCGTAACCGCTGCAAATGGTCAAGAGACCGAAACCGAA
GATATTGAGGTGAAGCTTTCCTTCCCCACCGAGTCTTCCCAAGGCCTAGTGTTCCTCAG
GTCACCGTCGATGGACAGGTTCTCTTCCTC

>naRXN00589-downstream
TAATCCTCCATAATTAGAGAGCG

naRXN00616-upstream
AACCGCAACCTCGCGCACTTGGAGTGAAAATTCTCATCTTCATTTTCATCTTGGTGCCTAA
CAATGGAATACAGATTGAGTTGATCAAAGGAGAACCCCA

>naRXN00616
ATGAAATCACTCCCCGTTTCGCCCCACTGATTACGATTCTGGCTCTGCTCGTACTCGTT
GCCATCGGAGGATCTGCACTGGCAAATAATCGTGCTACCCCTAATGTGGAAAGTGAACCC
GCCACGGTCAACCAGCGTTCCACTCCCACAACCTCCGCGTATGAGCCCCCTGCTACAGAA
TCTCCGGAAGAACCAACCACACAAATTCAAGAATCCCCAGTACAACCCCAAGTTCTGCTGCC
CCCGCTCAAATTCCTCAAGCCCCACAAGTTCCACTCAATTATCAGTACTATGACGATGAC
TGGGACGACGACGATGATGACTTCGACGACGACTGGGACGACGAC

>naRXN00616-downstream
TAACTAACCCCTGAGGCACTTTC

>naRXN00647-upstream
TGCATTCTTCCCACAATGACATGAGCTTATTGCAACATCGTGGGTAAAGTTGAATCGAGA
AGTCGAGAAATAACCGACCGATGAAAGAGTTGAGACGATA

>naRXN00647
ATGGGCATCTTGAAGCCATCCGAGCCGCACGCGGAAGACCAAAGCTGAGATCAAAGCA
GCCGAGGCAAAAGTAAAAACTGAGGCGAAAAACAAAGCAAAGCTAGATCTCAAGCGCGAG
AAGCTTCTTGTCCAGCAGGAAAAGAATCTGCTCAAGGTTGAAGAAAAGGGCCTGAAGAAG
CGCAACAAGCATGAGCTGAAGATGGCCAAAATATCCTTGAGCAAAGCGCCAAGGACGC
CTAAACAAAGACAAGGTGAAGCGCTGGGCTGGCACCGCACGTGTGCTCACTCCACTACTG
CTGCCTATTATTTATCGACTCTCCACCGAAGCACGCGATCAGGTTGTTAAGGGACGTGCC
CGTCGTGCAGGTGTCAACCGCGGAGCAGCTTAGCCAATTCGAGGTACGCGAGCAGCGCTG
AAGGCTCGTATTCAAGGTGTTTCGCGAAACCGCAAAGAACTCCAGCCTCCCTGCTGGCTTT
GTACGCGATGTTGAAGAGCGTCTCAATGAGCTCGAGGCTGCTGCGAATAACTCTGAGTTC
ATGTCTCCACAGCAGAGGAACCGTGCGCACCAGTCGATCAGTCGTGATCTGAACCAGGTG
TCAGATCAGATTCAAGATCGACTACTGGACAAG

>naRXN00647-downstream
TAGCTGCTGGTCGAGTCGCTGCC

>naRXN00653-upstream
GTTGAGATTGCGCTAACAAAGATTTTGGACGAAAACAGTAACGATGACAGCCACGTTAAG
CGCGGAATCTTCTCGCAATGGTAAAAAGCCGCGGCTCGA

>naRXN00653
GTGAGTGTTCCTCAGGTTGTTGGTGAAATCTTGCTCACCGTAGGCATTTTGGCCTTGTTA
TTCGCATACTATGAGGCCTATTGGACCAACGTGGAATCTGGGAAATTACAAGAATCGGCT
GGTCAAAAGCTTGATGAAGACTGGAATGAAGCTCGGGTGAATCCTCGACAAAAGCTCACC
CCGGAACCTGGTGAGGCATTTGCCCGATGTATGTTCCAGCTTTCGGCTCTGACTTCAAC
TTCGCGATGATTGAAGGAACCGATGAGGAAGACCTTCTTGCCGGTCTGCGCGTTATGTG
GATTCCCAAATGCCTGGTGAAGCCGGAACCTTGCACTGGCAGGCCACCGAGTGGGCAAG
GGTGCGCCATTCAATGATCTAGGAAACCTGGAAGTCTGCGATGCGATCGTGGTGGAGACT
TACAATTCCTGGGATGTGTACCGCGTGATGCCGATGTCCACCAACGGTGCAGATCGTGCA
GCAGAAGCTGCGGATTGCTTCAACGAAAACAGGTACCGCGATGGCTGAAGGTGACTAT
GTGAATGTGTCCGGACGAAGCATCACCCTCCGGATCGCATCGATGCCACCTACCCCA

CCGGGCGTCTTCGACACTGCAGTGCGTGAAGGATCAGAAGCTCTGCTTACCTTGACCACG
TGTCACCCGCGATTCTCCAACGCTGAGCGCATGATTGTGCACGCAATGTTGGTGAAGAA
ATCGATAAAATCAAGTGGCGAACGCCCTGCAGCTTTGGAGGAAAAC

>naRXN00653-downstream
TAAATGTATTCACTTCTGTGGCA

>naRXN00662-upstream
CCCTCATCATAGTTTTAAATCTGGGGCAGAGCGGGAATTTAAACACCTCTGATACAGCG
TTTACTGGCTATAGTGTGCGCGTGCCAAATCGAGTTCCT

>naRXN00662
GTGTCAACCATTCGCTGAATCGTCTAGCCGTTATCGCTGCCATCATTGGTGTCCGTACC
GGGCTGTTTGTGCTGCACTGAATGGTCTGCCATTGGCGTGGAGCGTTAGTTTATGGC
GCTGACCATTTGCATAATTACAATCCGGTGGCCAATGTGTGCCACTTCGCCTGTCCATC
ACGGTGATTGTGCTTAGCGTGGTGGCCTCCTGGGCGTGGTTTTTGTGCACCGCACGGGG
CCGAAAGAGGTTTCGATTGTGGGTGCGATCCGGGGCGAGAAGATGCCGATTTTGGAGACC
ATAGCGTCCGCATTTTTGCAGGTCAACACGGTGTCTGCGGGTGCCTCGGTGGGTGCAGAG
AACGCTCCACGTATTGTGAGGAGCCTTGGTGGGAGAGCGGTTTAGTCGGTGGTGCAGCTC
GATATTGATGCAAAGCGCATCTTGGTGGCCTCTGCCGCGGGAGCTGGTTTGGGAGCAAGC
TTCCACCTTCCCTAGCAGGCGTGCTGTTTGCCTTGAGGTCTACTGGTTGAGGCCTCC
ACTCGGACCGTGGTTATCGCAATTATCACCACGACCGCGCGCTTGCCACCACTGGATTT
TTCGTGCAAACCCAGATGTGTTTCACTGTCCCGCTGACGGAAGCCCATGGATGCTG
CTTGCCGCGATGGTCAACCGAGTAGTCGCCGCGCATGTGCGGGCACTGGTTTTACGCGCG
GCGCACAAATGGCGCAGGCCTCGCCCAAGGGTGTGAAGATTTTGTGGCAGATGCCGTTG
GGTTTCGTGGTGATCGCTGCGGTGATTTATTTCTTCCCGAAACCCTGGCGAATCCCGT
TGGCTTGCCGATTCCATGCTCGGCGATGGCCTGATCCTCAGCACCATTTTATTGGTACTT
GTTCTGCGCACCGCCATGTTTTTGTGCGCTTCCGCGTGGGCATGGTCGGCGGTAACCTG
ATCCCCGCATTGCGCACTCGGATCCATGGTCGGTGGGGTAGTGGGTGCTGTATTGGAACCC
ATCATAACGTCCCGATCGCCGCTTTTGGCGTGCTTGGCGCGCGCATTTTGTCCACC
ACCATGGCAGCGCACTGTTCCGGGCTCATCGCCGAGTGGAATTCACCGACATGGAAGCC
CAAGGCTACCTCCGATTTTCTCGAGTAGCCTCCGCGTCTCGCGTGGCGGTGTGG
TCTGTATCGCCAAGCACGAGCTCCGCGCCATCCCGATCACGTACGCGAGCTGGACGGGC
GAGCTTAAA

>naRXN00662-downstream
TAAGCTTGTCGACGCTCCCTCC

naRXN00666-upstream
AGTGGTGAATGCTGGATAAGTTTTTAACATGTCTAGTGTAGTCGGGGAAGGCCAAAACC
ACGATTGAGCGTGCTTGATCTCGTCGCGCTGAGTGAAGGG

>naRXN00666
ATGACGGCCGGCGAGGCCATTGCACACAGTGTTGCGCTGCGCAGATCGCCGAAGAGCAC
AATTATGCGGCTTTCTGGGTGGCGGAGCACCACAACCTCGGAAGGCTTGGCATCTTCCGCG
ACGACGCTGCTCATGGGTGATATTGAGGCCACACTTCACGCATTGCGGTTGGCTCCGGT
GGCATCATGATGCCCCAACCACTCCGCGTGACGTCGCCGAAGAACTCGGCACCCCTTGAG
GCCATTTACCCCGCGCGCATCGAGGCCGGCCTAGGGCGCGCACCAGGAACCGACCCCATG
ACGGCGCGGGAATTGGGTGGGCAAGTTCGCTTGTGACGACGTCCTCTCCACAATCGTC
TCCCTCCAGAATTATTTGGACACCCCGAAGAACGCCGGAACATCATCGCGCATCCAGGA
ATAAATTCCCGTGTCCGCTATTGCTGGGATCTTCCCTCAACGGCGCTGCGATGGCC
GCTAAATTAGACCTTCCATTGCGCTTCCGAGCCACTTCGACCCCTTCCAAATGGGGCCC
GCCATCGCCTCTATCGGAACTAGCAGCCAATCCTTATGTATGGCCGCGAGGAATGTC
CTGGTGTGCGACACCGAGGAAGAAGCCGAATTCCAGATCTCCACACTGCACCAATGTTT
GCCGGAATCGTGACGAACTCCCGCGGCAACTTGCCCCACAGTGCGGAATCTGAAAGAC
AAACTCGACCCGATGATCTGGAAACACATCGAAGATTGATTGGAAATGACTTTCATCGGA
ACAGCCGAATCAGTGGTATTACAATGCAGGAATTCGCTGATCGCTACAAGTTAGATGAG
ATCATTACAGTCACCTACTCTACGACCCCGAAGTCAGGTTCCGCTCCATAGCTGCACTT
GGCAGGCATGGAAT

>naRXN00666-downstream

TAGTGTCAAAGCCTCAAAAATA

>naRXN00704-upstream

TCAAATTCTGCGCACAAGTGTCTAAGACGACGTCTGCCCATCGGCGCTCTAATGCACA
TTACAGCGTTTACAGAATTGAAAATGAAAGGTTCAAAGCC

>naRXN00704

TTGACCATTACTTTTAGCCGCGTTGCTCTGACCACCCTGGCAGTCACCGCAACCACTTTG
TCCCTGAGCACTGCTGCGAATGCACAGTCTTCCTTGTGGATAAGACTCTTGATGCCCGT
CAGTGCATCGATGCAGACAACGTCTGGGTCTCAGTTGACTATGGTGCAGATTCGAAAAA
GAACCAGAGGGCGCATGTGCCACCGAGTTCACTGATGGTGTGTAGCTCTTGAATCTGCT
GGGTTCAAACCTGACCTTTGACGAATCTGAAATGGGCAAATACATGACCGGTATCAACGGA
GTTGTTCTGATTGGGTGAACTGGAACCTACTGGAGTTACTACTCTGGTGAAGTCGCA
GATGATTACAGCGTGGACTACACCTACTACGAGGTTGGTGCATCTAATTCTGAACCTGAA
GGTGGAACTGTTGAGGCTTGGGTGTTGGCACCGCGAGGAAACACGACACTCGAGACT
CTTCTGAACTCCAGCAGCAACCGGATCTTCTGAAGACGGCGGCTGGATTGCAGTCATC
GCAGGTCTTCTCGCACTGATCGGTGGTGGAGTTGCAGCTTTGTACCAGGGCTTGATCACT
ATCCCAGGTCTGGTTCTGCCTAAGTTT

>naRXN00704-downstream

TAAGCAACCTAACCTAAAGCTTC

>naRXN00712-upstream

TGTTGCGCGTTAATAAGGAACAATATCGGTGTGATTTCGCGATATATTAATCAGCTTGTTT
TCCCAGCATAAGTAGTCGCCTAGTTTAGGAGGTACATGGC

>naRXN00712

ATGTCCCTACGCAAGATCTCGCCCTCGGAAGCAGCACAGTACTACTCACAGCCGTGCTA
AGCGGGTGTGTTTCCCTTGATGAGCGCTCCACTGATACATCCACGGAGAATGTCACCACG
GTAAGTCCACACTCACTTCCACCGCCGCGAGCAGAACCCACCACTAGAACGACTGTGCAA
AGTGCTACAGAAGCCTCCACTACTGCACAGTGAATGCAATTTGGATCCCCGTACCTCG
GATTTTGGGCCATATCTTGCACAATCTCGCACCCCGGTTGGTGAAGTACTGGATCTGCA
GATTCGCTCGTGAGGTTCTGACTGGTTCTATCACTTCCAAATGGGCGACAACGGCTAC
GATTCCTGTTCCAAGCTCAGCTATGTGGTTCTCAACGGTTCCAATGGAGACGCCGAACGT
TCTACTGGAACGGGTGCTGCGATCGCCGACGTGGTGGTGTGTTTATCGACGGCCATATG
GTTGCTCGTCTGCTCCTTTTGAATGAAGACCGTGAATCCGTCACCAGAGTGTGAGAT
TCAGAAATCCAAGTTGTTTACGGACATGCCGGCCGATCTACTGCCGAAGGTGTTACGGAC
TATTTACCTTTAACTTCTTCGTTGACAACGGCGTTCTTTAGGACGCGGCGATCTCCCA
GAACACATCGATACTCACATGCGTCTATATCTGCTG

>naRXN00712-downstream

TAGCCCCATCTAAAACTCTTGA

>naRXN00720-upstream

CTGATCTATACGTCTGTTGAAGTAGAGAAGCTTTCTGGTCAAGTTCCTTGAGTATGGTG
GTCGAAGACCAGCACTCCAGATTCAAGGAAGTTATAAAAC

>naRXN00720

ATGGCATCACCGCGCCGCCACAGGTTGCAGCACCACGCATCAAAGAACTTCGCCTAACA
GGCCTTGACAACGCTGACCCTCAAGACATCGAATCGAATGAGCAGATAGAGTCATGCCGT
TTTAACGAGGCCGAGCTTCCGAACGCGATCTTTCTGGTGCTGGTTTCAATTGAATGTGAA
TTCTTGGGCTGGAAGCACACGAAACCGAGCTACGCCGGGCTCAATTCGTGGAAACACGC
ATCGAAAGAGCCAATGTCCATCTTTTAAGGCAGCCCGCTCCATCTGGCGCAACGCAACG
ATTTCCGACTCCCGCTTGGTGCCGTCGAAATGTATGAAGCAACCGTCCAAGCTTTGAAA
ATCTCTGATTCTAAGCTGTCGTTTGTCAATCTGCGGGGTGCATCGTTACGGGATGTGCTC
TTTGAGAACTGTGTCATCGACGAGCTTGATCTTGGCCAAGCCAGAGCAGAACGCATCGCT
TTTAAAGACTGCACGGTGCACTCGCTCACCTTTGATCATGCCGTGCTCAGCAATGTGGAT
CTTCGCGGTTTAGATATCGAGCGCATCAGTGGCGTGGAGTCCATGTCCGGAACCGTGATC
TCATCCCTGCAGGCTGCTGACCTGTGCGGAGCATTTGCACGGCATTTAGGAATTACTGTA

AACGAT

>naRXN00720-downstream
TAGAAATCCGCTCTTTTGAACAA

>naRXN00722

GCTGTTCTCCGAGAAGCCGGAGTTGTTGATGCCGGGGGACAGGGCCTAGTTATTCTCCTG
GAGTCCCTGGCCGAACAAATCAACGGAAACCCACCTCACCATCCATCGCACCACAGTGAA
CCAGCCGAAGAACCCTCCTTCCACGGCAAAACCGGCGACCTAGAAGTGATGTTTTACATT
GCATGCGACTCCGCGCAAACTCGATGCTCTCCACAACGAACCTGAAACACTAGGCGAC
AGCCTGCTCATCGCCGAGAAACCAATACCCGCGGCACCGTTCACATCCATTCGCGCCGG
GCAGGCGAGGTCAACAAAAAGCATTGCGCGCAGGAGACGTACGCGAACCTCCGCTTGAA
ATCCTCCCCGATACTTCCGGCAGCTTACGGAAGAACCACGCCGGTCTCATGGCTGTC
GCACCTGACGGCCTGGTGGCGGAGCTGTACCGCAGCGCTGGAGTGAAGGTGGTGGCCCGC
AACATCGCGCAATCCAAGTCTGATGATGTGGTGGCAAAGATCGTTTTCCATCGCGCGCAAG
TCTGGTGCCGATGAGGTGATCTTGCTGCCCAACGGTCTTTTGACCAAGCGTGAGCTGGTT
TCCATTGAGCGTTCAGCCATGCTTTTGAGCAAAGTGTGGTTATTTTGCTACTGCCACG
TTGGTTGCAGGTCTTGACGCGGTGTCCGTTTATGAGCCAGCGCAACCCCTGGCGGTGGAT
TCCTATGCCATGGCAGAGGCGCGCGGTTCATGCGCACGGCCACGATCCGCGCCGCCACC
AGCGCCGCGCTCACCCAGGCGCGCGCATGCTCCAAGGTGATCTATTAAGCTTCATCGGC
CCGGAGATAGCTCTGGTCTCCGAGGAGCTCAACGACGCGCTATCGCGCACCGCTTTAAGG
CTTCTCGACGGCTCCAGCGAGCAAATTACCTTCTCATAGCGCAAGACCGTCAGTCCGCC
TTCGACGAAGATGTTTTCCGCCGTGGCCTGGGAATCACACGATGTGGAGATCACGGTC
TATCCTGCTACTGGAATGGAGAATCTGGTAGAGATCGGAGTGGAG

>naRXN00722-downstream
TAGCCACATGTTGGGTGGCATG

naRXN00729-upstream

TTCAGCACAGATCACCTTTGCCAGCTACCGACTTAGTTTCGTAACACGTATAGTGGGAG
CGGTTTTGCCAGACGCCAAAGAAAGATAATTGGATTACCT

>naRXN00729

ATGAGCGCCACCAACCTGATGCCCTAGACGTGCAGCACGTCTATCCCATCAAGACGAAA
AAGACTCCACTTGCGGTGATTTTCAACATCATTAGCGGTGGTTTTGATTGGAATGGCGGAG
TTGGTGCCAGGAATTTCCGGCGGAACTGTCGCTTTGGTTCTTGGAATTTATGAGCGCGCA
CTGCACAACGGTGATCTCCTCATTGATCTGATCAAGGTGTTGATCAAGGACCGCTCGAAG
GTTAAGGAAGCTGCGGCGAAAATCGACTGGTGGTTTCTCGGCGCTATCGGCGTTGGCATG
GTCGTGATGGTCTTCTCGATGTATCGATTTTGATACAGTTGTTGAGGACTACCCAGAG
ATCACTCGCGGTCTGTTCTTGGAAATGGTTGCCGTGTCTATCCTTGTTCGGTTGGGAATG
ATGGATATGCGGGATGCCAAGAAGCGCCTCGCAATCGTCATCCCGCTATTTATAATCTGC
GCCATGCTGGGATTTCTTGGAAACATCCTTCACTAGTGCGCCTCGCACCGATCCTTCACTG
ATCTTTGTCTTCTATCTGTGCTGCGATCGCTGTGTGTGCTCTTGTCTTCTTGGTGTTC
GGATCATTCTTCTTGTGCGGTCGGTATGTACGCGCCAATCATGGAATCTCTGTCCAAC
CGTGACTTGTGCGTCATCGGCGTGTCTTGTGCTTGGCGCGCTCACCGGTGTGATCTTGT
GTGAAGGTTTTGTCTTATGTTCTCGAGCACCCGACCATCACGCTGACCATCATGGCT
GGTCTCATGCTGGGTTCACTTCGTGCGCTGTGGCCTTGGCAGGACGGTGACGCTAATCTA
CTTGCTCCTGGCGATAACGCCGTGATGATTTTACGATCATCATTCTTGGTGGCGGATT
GTCGCTGCTTTGATGTTTGTCTGAGCGTGTGTCTTCCAAGAACATTGATTCTGAGACCGTG
GCAGAAGAGCACCCGCGC

>naRXN00729-downstream
TAAATAAGAACTCCACAAAGAAA

>naRXN00730-upstream

TGGTGCAATAACCTTAAGTGAGGCTGGATTTTTCGTTGGCAGGCGCTCGGGTTTTGTTTT
ATCCGGCATGGGCTCGGGAGGGACTTTAAATAAACAGCT

>naRXN00730

ATGTCGAGCCAAACGATCTTCATCATTTTGGCTCTTTGCCGAGTGATTCTCATTTCC
 ATAGTAATGATTACAGCTGCCTTCAAACCCGAAAAAGCGCTTTGCCGCGGGCTGAA
 GGAATGGCCAAACCTACAATTCTGCGCAACTGTGCCGTGGCAGCGCTTCGCCGAGCA
 CTTGACGCTTGTACGCTAGGCCTGAATGGCACAAGACCCGCGGAGCGAAACGAGTGATC
 TCAGCTGAACAGACTTATTTTGGGTTTGTCTCAGCAATGCCACTGGGGATGGTGCAAAAC
 ATGCTGCAAACAGACTGGGGTGTGAAAAAGTCTGAGCATGCAGTTGATCAGCTTTCTAAA
 GGAGTGGAAGTGATCGTTGGGGTAGCCGAGGCAACTGGCGTAAAAACGGAGTATCAEC
 GCACAAGTGGAAGAGGCAGGCCAGCGGTTAGCAGCTGAAGGATTGGCTCATCCACACTTT
 GTTGTATTCCAAAAGCAGCTTCAACAGGCAGATCCAAATGCAGAATATGATCTCGATGTG
 CTCGCATTTGATATCGCACGCGTAGCCAACCTCCTTCGCTGGGCTGCTTATACAGATCTG
 TTGCTCCCTGCAGAAGCCCGTTGGTTCCAAGACCAGCTGGGAATTGCGGCTGCTGTGTCC
 TTTGGGAGCTGGGAAGAATACGGAGAGCGATACGTCCTGGACTACAGAAGAACTTCAAG
 GGCGGAAACAAGCCATATATCGAAGGAGAAGCTGGCTCAACACTGAGGCTGAAAGTCCA
 TGAAGACCCAAAAGTGATTAGCGCC

>naRXN00730-downstream
 TAACTGCTCATGAGCTAAGCGGC

>naRXN00731-upstream
 TTGATACCGTGCCCGGTGGACATTCTTCCAGGTGTGGCGCGTGGCTTTAGCGAATACTT
 TTGATTGGGTTGCCAAGCGCGGCGGATTGCAGGTTAACA

>naRXN00731
 ATGAAAGACGCTTCACAGTCTACTTATTATTCGGTCTGAGATGGCTGGGCAGGTCCCTG
 CGTTTTCGACCGTTAAGCCTGCTCATGATCGTTGTATGCGGGGTTTGAAGGAAGTGTTT
 GCGCGCGAAGATCCCGCAAATAGCTCTTTGGTAGACAACCTTGGGCTCACCTGCCGTGG
 TCTCTTAATGATCCGCATTTTCTCACCGCAGGGTTTAGCGCTTCCACCACCACAGCAGCG
 CTCATGTCCACGTTGTGGATCATCGTGTTCGGGTGCCCTCTGAACGGATTCTGGGCAGC
 CTCAAATTCGCGATCACAGCAGCGCTTATCCACATCACTTCCATTCCGCTGGGCATCGGC
 ATCGCCACCTCATCGAAGAAGCCGATCTCAACCGCTGGGGCAACAACATGTTGGCCGAT
 GTGCTGCTCACCCAGATTTCTGGGTCTTCGGCGTCGCCGCTTTTCGCATCCGCCCTCCATG
 CCAGTGTCTGCGGACGGCGCACCCGATTGTTCTCTTTACTATCACCTTGACGCTGCTG
 CTTTATACGGGCACGCTTGCCGACGTACCATGCTCACCGCAGCATCATCGGCACCGTT
 GCCGCGAGTTGAACAGGCATCGGAAAACCCAGGTGGCCGCTGGCTTCCCGGTTCCCTC
 ACCGTGCGTGAAGCGCGCATTATGACGGCCATTTGGTCACTGCCGTAGCAGCAGGTCCA
 GTGCTTGCTGCGCTTAATCCACTCACCCACGGCCCTTTTCCAGTGCAACGAAATTGATC
 TGGCAGCCCTTGTCACTGAAGAACACATGCATCACCTCTGCCACACAGACAGCACCTCT
 GATGCATGCCAAGGTGCGCTTGATCAGCTCCAACAGCAGCGGTGTTGGCCCTTCCGTGGC
 AACCTGATTCCACTGATCTCACCGTGGTCTTTCGATGGGGCTTAGCCGCGGACGTGCA
 CTTGATGGATTTTGGCGGTTTGGCCAGCTCATTTCCATCGCAGTGTTGATGTTCCAG
 CTGACCAAACTATCGGCTGATTCCACCGATCTTCTATGGTCAGTCAATGCCTTTAGCGTG
 ATCGTTCCTTGGCTGGTGGCGCTCGCCGCTTGGTGTTTCCCGCCGTGCATTCCAGGTG
 AAGATTGATACCACCCGGATTTCTAAATCCTTAGGCGCTCTCATGGTTACATGGTTGGCA
 ACGGCAGCATTGTGGATCCTTGCCACATTGTTCTGCCACACGCATTCCACCCACATCCA
 ACATTGGGGCTGGCTTTCAAAGAACTCCCTTCCGCTATCTCCACCAACTATCGAAACG
 GTGTTAAGCCATCAACTCTTCCCCAGAAGCCCTGCTGGGTGGGCAGTGTTGAATGGACT
 GGAACGCTATTCTGGCTGGTTCGTAGCAGCAACTCTTATCATCTGCTCATGGGTGTGCC
 AGCAACAAAGCGCACGAGGACCAAGAAAACGCAGCGACTCTCCTGCGCTCTGGCAGCGGC
 GATCACTTGTCTGGATGACCATTTGGGGTGGCAATACGTATTGGTGGGCACCAGAAAAT
 GCAGGATATGTGGCCTACCGCGTGAAGGGGCAATCGCAATTACATTGGGTGAGCCTATT
 CTGGGTCCGGATTCTACCGTCTCTAAAGCAGAGCTGGCCGACAGTTTGAAGAATTTGCC
 AGCAACCAAGGCTGGATTGTTGCGTGGTATTCGGTTTGTGAAGAATTCTCAAAGGAACGC
 ATCAACGCTGGCCACCACACACTTCGTGTGGCTGAGGAAGCAGTCTTAAGCTCAGCTAAT
 GCGGATTTCAAAGGTAAGCACTTCCAAAATGTCCGACCGCCGAAACCGCGCGGCCAAA
 GAGGGCGTAAGTTCCATCTGGACAACCTGGGCTGATTTGAGTGCCGAAATGCAGCACAAG
 ATCATCACGCTGTCCGAAGAATGGGTCTCTGATAAAGCTCTGCCGGAGATGGGCTTCACG
 CTTGGCACTGTCAACGAGCTCTCAGATCCAGATACCTATCTTCTCTCGCGATTGATGAG
 GAAGAGCATCTGCACGGTGTGACCAAGTTGGTTGCCGGTCTATGAAAAAGGACGCATCGTC
 GGCTACACACTTGATGATGCGCCGTGATCCGCAAGGCTTTAAATCTGTCAATCGAGTTT
 CTCATTTCCGAGGCCGTCGTTATCGCAAGGGATCACGATCTGGAATGGATGTCGATGTCC

GGCGCTCCTTTGAGTACGCCCCAGGTGTGGCCGACGACGGCACCATCGGACAAATTTTG
GAGCTTTTGGGCCGAGCAATGGAGCCGTTCTACGGTTTCCGTTCCCTCGCTGCGTCCAAG
AACAAATTCACCCAGAACACCACGGTTGGTACTTGTGTTACCGCGATGAATTATCGTTA
CCAAGCATTGGCCTTGCCGTTGCTGCCTGCTACCTCAACGAGTTTCCGCTGCCGAATTGG
CTGAAAAAGACCGCCACTTCCGCCCCAAGCCACAGC

>naRXN00731-downstream
TAGAAAAACGCGTAACCTTGGTG

>naRXN00738
TGTCAAGAGGAGACGGATGGCTTTTTTGTATTTGGGCGCGATATGCGGCCCGGTGAGCGC
CGGTCGTATGGCACTTTGCTTAACGACGCCACGACGAGGTGTGCGACATCCTCGGCAAT
GCCTTCACCCGATCTGGGCTCAACGCTGAGTACGCGAATCTTTATGGTCAGGCGTTGGTG
GGCATGGTGTGATGACGGCGCAATGGTGGTTGGATGAGCGCACTCCGCCGAAGGAAGAA
GTTGCCGCACATATTGTTAATCTTTGTTGGAATGGTTTGACGGGGATGGAAGCCGATCCG
AAGTTAACTCCCATCAGTTCTGCTGAGGGTGCATTTTTGGTCAAGAAAAGGAGAGTGAA
GCG

>naRXN00738-downstream
TGACACCTATGCTCGCGGGGCTG

naRXN00750-upstream
TTTAAACAAAAGCGATAACAATGAACCGATGGTGTCTACGACAGAACCAGTCCCCCACC
CACTAACACCCACCAGAAAATAACACCTCGACCGAACCT

>naRXN00750
ATGGACTGGTCGATCATTATTAATGTGCTTGCCGTTGCTACTGTGCTGATACTCACCCCTT
ATCATCGCAGCTGCATTATATAGGGGTTTCACACGCAACAAAATAAAAAAACTTGAAGCT
ATACGAGAAGCCCAGCAACACGAACGCGACAATCCCACTATCCGCATTGCTGATCTTCGC
GGCATCATGGATACTCACCCTACATCTACACCGACGTCATGGTTACACGTGCACATGAA
CTCATGATTACTGCACCCGATTCTTTGATGTCACTCTCCCCGAAGCAGTGCTCTACGAA
GATCTAAACGTGCTGCTCATGATGCCCTTAACGGCTATAAAGACACCACTGTCGCTAGT
GCAGAGAAGATCATGCTTGTAGATGCAGTCACCGCAGCATGGACTCTCTATTCCACAAAA
GCAACACCGGATCCACG

>naRXN00750-downstream
TGATCCGAGAGCCGAGTACCGCT

>naRXN00762-upstream
GATGCTGCGATGGTCACAAGTCGTTTTCTGGATTTTCCACATCTATATCTTTACCCAC
GTTCTTGCAAGAGATTCAAACCTTGGGGCTAACCTGGGGAC

>naRXN00762
ATGAATACTTCCGATCGTATTAAAGCACTCAAATCGCGCTGGATCGTGACCTCCGTGAG
CAGGCACTATTGCTTTTGAAGGAGGTTTCGCGCAGTTGATGGCGTGGATGCTTTATCAGAA
CAATTTGTCCGTGGGCTTGCGAACCCTGACTTGTTCATCCCATTTAATAGTCACGCTC
AATAGCGAGCTGGTTGGCCTCGCGGCCGCGGATGAGGAAACCACGGAACGGCTGTCCAC
CCGGCGCACAGGCGTCAGGGAATCGGTAAGGCGCTTATCGACGCGCCCCACCTCATCA
ATCTGGGCGCATGGAAATACAGCAGGTGCACAAGCGTTGGCATCCACCCTGCGTATGAAG
AAGACTCGCGAGCTTCTGGTGATGGAGATTTCCGACAGGGCGCTCGATGACTCTGCAGCA
TACAAAGATCCAGATGGAATTACACACAGTAGTTTGGCGAATGCCCTGTGGAGAAATCA
GTAGCTGAGGCTAAATGGCTTCAATCCAACAACGAAGCATTGACTGGCATCCCGAGCAG
GGCGGATGGACAACTCATCGGTTGGCGCAGGCTCAGAAAGCCGATTGGTACAAGGACTCT
GACGTGTTATTCTCTGGGACGGCGAAGAGATCGTTGGCTTCCACTGGGTAAAGCAGCAC
AGTCCAGAATTACAAGAGATTTACGTAGTTGGCCTTCTTCAGCCTACCGTGGTCGCGGC
TTGGGAGATCCGCTTGTTCGCCTCGGACTGCATCACATGAGGGCTCATGGTGTCTGAAAA
GTGATTCTTTATGTGGAAGCTGGCAACACTCCGGCAGTCGCGGCATACGAAAACTGGGA
TTCATGTGCGGAAAGCCACGTAGTTTACGAAAAAG

>naRXN00762-downstream
TAAAAAAGAGACTTGCTAAAAAC

>naRXN00768-upstream
TCAAGCGCCATAACGCCTGATTATGCACGGTTAAGGCGCATCTCGCTCACTGGTGCTAAC
CAETTGEGETTTTGAAGGAATAACCECTTECTGTGAGATT

>naRXN00768
GTGGGTACTATCGAAGACGTGGCTAACGAACAAATCGAGGTCGCGAACAACTGATCAG
ATTCTTGCAGGATACAAGTCCCCTCTTCTTTCTAGAAAGTGGTGCGGCAGAAAGCGCAGGGC
GCTGCTGCTCAAGCAGGTACTGAAGGTGTCGCGTGCCATTACGGTTCCCCTCTCGTCGAG
CAACGCATCTTCGAACTGGCACGGGCTTAGTTGACCGTTCTAATCGCAAGGTGATCAAA
GTCGAAGGGCCTGATGCCCCACGTTCTCAATAATATTTGTCCCAAAGGTTGATTCC
GTTGAAAACGGCTTTACTGCCGGTGCCCTGGATTGGATGCGCAGGGTCGTATTCAACAC
ACAATGCAGGTAAGTGTGTCGATGGGGTTTTCTACCTCGACACGTCCGCGCGGAGTTT
GATACCCTCATCGGTTTTCTTGACCAAGATGATTTTCTGGTCGGAAGTCACCGTCCAGGAA
GCCGATCTGGCGATCATCACTCTGCTCGGCCAGGAAATTGCCCTTCCGGACGCGGTCTTT
GCCCGTAGGGTCGATTGGAATGGGCCATCGCGTATCGACGTGCGCATCCGCGTGAAAAC
CTGGAGGAGGGCGTCGACAAGCTCTTAGAAGCTGGCGCAAAGCTCACCGGTCTCATGGCT
TACACGGCCGAGCGCGTGAAGGCGTTGGAGCCCGCTGCGGGCGTGGATTGGATGATAAG
ACCATCCCCATGAAATCCCCATTGGATTGGCCGTGGCGAACATTTAGGCGCTGTGCAT
TTGACCAAGGGTTGCTACCGCGGGCAGGAACTGTGCGCGCGTTGATAATCTTGGGCGT
TCCCCGCGCTGCTGGTTCTGCTTCATCTTGACGGTTCCGCACCGCTGGATCCTGTGACT
GGCGCTGAAATCAAGGCCGGTGCAGCGACCGTTGGTCGTCTGGGCACCGTTGTCCATGAC
GCCGATTACGGGCCGATCGCTCTCGGGCTGGTTAAGCGCAGCGCTTTGGATAAAGAACTT
CACATCGATGATGTCTCTGTAAACGTCGACCGCGATCTGCTTCCTGCGGAGGAAAGTGAA
CAACGCGGACGCGCAGCGATCAATAAGCTCAAGGGTCTT

>naRXN00768-downstream
TAACTAAAACGATTTATAGCGAA

>naRXN00769-upstream
GGCTATTGTGTCTATCAGGAATACAGTTAATACATCTTGAAAAGCCCATGGGCCATCCGA
ATTCCCAGGATCGCCCCGCTCACTCCAAGGGGTCAGGCA

>naRXN00769
ATGGGTGCGCGTCGCGGAAGGCAAAACAGACCAAAGTTGCTCGCCAGTTGAAGTACAGC
TCTCCAGACATGGATCTCGATTGCTGCAGCGGGAGCTGGCTAACAGTCTCCTAGGCGT
TCCTACTCCGATACCCCTGATGATGAGGACCAGTACGCAGAGTATGCGGACTGGGATGAG
GACGACACCGACAATCGTGCCTACGGCACAAAC

>naRXN00769-downstream
TGATTTTCGTGTCTCTTAACCTT

>naRXN00771-upstream
TACCCCTGTTTTGGAGAATGCTCCGAGCCAGGGGTACTTTTCTTTTCTCACACACAGTA
GCTGCTGAGAAAAATGAAGACCTTTTGTTAGGTTGGGAGT

>naRXN00771
ATGACCAACCCATACGAGGCCTTCATACCGCTCAAGCATCGTACGGGGATTGAACCCGAG
CACACCTTTTGGGAATGGGAAAACAAAAGGGTTCACATTGCAAGGAGACGTCGAGAAGCG
CCCGTCCGCGTTATCGTGGTGATGGGCTAGGCACCCATAGTGGCGCCCTCTGGCCCCCTC
GTCGCGGCCATTGAGGGCGCGGACCTCGCCGCGATCGACCTGCCTAAACTCCGCTTTAC
GACGATTGGCTGCGCCTTTTAGAATCTTTCATCTCGTCCGAAGACGACGGTCGGCCACTC
ATCCTGATCGGTGCAGGCACCGGAGGCTTGCTTTGCGCAGAAGCTGCACACCGCACAGGA
CTGGTCGCACACGTCATTGCCACCTGCCTGCTCAACCCCTCCGACCAGCCGACGCGCCGG
GCACTGTTCAAGGTTTTTCAACCGCTGACTCGGTTGATCCAAGGCCGCTTGCGCAACCGCGAA
ATTCCCGTGACCAGAGTGTTGAACTTCAGCAAAATCAGCCGACGCCAGCCCTGAGCAAA

TTGTGCGCGGCCGATGAATTTAGCGGAGCATCCAAAATAACCTGGGGTTTCCTCGCGTCA
TATGTGCAACACAAGGCCAACTGGGTGCAGTTCCCGTCACTCTGATGCACCCTGACCAC
GACCTTCTGACTCCCGTTGAGCTCAGTCTGCGTACGCTTTCGCGCCTCAAAGCGCCCACT
GACGTGGTTATGCTCAAGGACTGCGGGCATTTCATCGAAGAACCAGGCTTCACCACC
ATGCTCGAAACCGTCACATCAGTTATCGCGCGGAATAGT

>naRXN00771-downstream
TAGCGGGCGCATGTGGTTGGGAT

>naRXN00785
ATCATCGCTACTCTCGGTGTGACCTTGCTGGTTGAGGCCCGCGGATTATTCTTGACGGTT
GCGTCCATTCCCATTCTGTTTGGTATTTTCACACCACTGACTTCGTGGTTTGTGTCCCAA
CAAGGCGTGGCTGCGAATGTGTCCCCTGGTGTTCGGTCACGGAAATCCTCACGGCTGTT
TATCCTTTGGCGCAGTTGTTCCCCACCCTGATCATGGTCACTTTGGTGGCGGCATTGATC
GCTGTGGTGCGGATTATTCTGCTGCGCAGGAACCAGGAATCTCGTCAGGTTTCTGGGGAA
CTTACCCGGCGCGCGCAGCGTGAGGCTGAGGAAGCTAATCAGAATGCTGCTCGTGTGCT
CGCGCACAGAGCACGAGGGTACAAAGTTCTAAAACACGTAACCGTCGCGCGCAACCAACC
GGCGATACCGGTTACAAGTCACGGTTGATGAGTTGATCAGGCGTAGCCAGGAGCGCCGG
CAAAGTGTGCGCAGCGCCAACTGAGCGCGGTGTGCCGTTTACTCCAACCTCCGGGTCTCT
GTGGTGGCCCCAAGCCGCGCCCGAGCGCCCTGAGGCGCCGGCTCCTACGGATGTGGGT
GAGCGTCGACAAGCAGCCCCCTAAACGCCGCACCTCGCTCGACGATGATCTGTACAGC

>naRXN00785-downstream
TAAAAATCCCGCTCATGTGGC

naRXN00795-upstream
TTTGGATTCTGGACACCCAAAAGGGGGTTTCGTACCAAACCTCGTGACATACTAGGCGGGT
GGCTGAGAAACGACCGAAAATTTTTGATGGCAGTCGAGAC

>naRXN00795
ATGATTATCTCGTTGGTAGTCTCCGCGATCATCATGTTGGTAGCGGTGGGATTCACGGGA
ATGTGTTCTTTCAATACAGGATCCCCTGAAAATGGGCAGGTACCTGAAGTTGATGCTTCC
ACTTTTATGCTCAATGGAAGCGCGCAATGACTGATCATGCAACTAGGTTGCCGAAACT
CCTGAAGGCTGGACCACAAATTCAGCTCGACGCACCATGGTGGATGACACCCCGGCATCT
GTAGTTGGATATGTACCCGAGATGAGGGCTATATTCAGCTCACTCAAACCTGGTGAAACC
GTTGAGGATGCTGTGGCTGGTTATGATACTCGCTGGCGTGATCTTTCTGAGTCTTATGAT
CTTGATGGCCACGAGCTGGGAATTTACACCTCACAGGAATCTGATGTGCGTGATCTGCGT
GTGATGGATCTGGGCGATGCCCGCGTCATGGTCTCGGGTGCTGCTACCGATGAAGAATTC
AATGATCTGCTTCGCGCAGTTGCGAATTCGGAGCCACTGCCTACCAAT

>naRXN00795-downstream
TAAGAATTGGTCGAACCAACCAA

>naRXN00831-upstream
AGCTCCAAGAAAGTCAGTGCTGTGCATGGCTCGGTGCTGCTCATGCTTTTCGGTGTTTAC
ATGATGAGCATGTTCCGCTGATTTAGGTAGCCTGGTGGGA

>naRXN00831
ATGAGTGCATTGAGACATTGCAATGGCAGGACTGGTCAAGCGTCTTAATTGTGGTAGCT
CACCCAGATGATCCGAGATATGGGCTTTCCGCGGCTGTTAAAGAATGGACAGACGCCGGG
GTGGAGGTGTCTTACCTGCTGCTCACCCACGGGGAGGCAGGTATCCAAGGTTTAGACCTT
AAAGAAACCGGTCATTGCGCGCAGCGGAACAGCGGGCTGCATGTGATGTGGTAGGAGTT
AGAAATCTCACCATTTTGAATCACCCAGATTCATGTTGGTGTACAATCTGGTACTGCGC
AAAGATATTGCTCGGGAATCCGGATCCGTAAACCAAATGCTGTGGTGGTATCCAATTTT
GATGTAGAGGCCCTACCGTGGTTTGAACAGGCGGATCACCGCGTGGCGGGATTAGCCGCA
ATTGATGCGACCCGCGATGCCGCTAATCCGTGGGCGCAGCCAGAGCTGTTGCAGGAGGAT
CTGCAGCCGTGGGGAGCTGAAGTCATCATCATTTGCCGGACACCCAGAGCCACCCACACC
ATGGATCTGGCTAAAGATTCTGTTGATGCCGAGTTGCATCCCTTCAAGCTACAAGGAA
TACTTGGCCGCTCTTCCAGATCCCCCGAAGCCGAGGAGTTTATTCCGGCGTTTCTCGAG
GTAGAGGGCGGTTACCGCAGCGGCCTTCCGAGTTTTCGGACGG

>naRXN00831-downstream
TAAGCAGGGCGATACGTGATAGG

>naRXN00835-upstream
ACTGCACCAGCGCAACGATCGCAATTTTCATACCTGCTATCTTGCCTGAGCACAGATAA
GATTTGTAAGCACTACCCCTTCTCTACAAAGGAGTCATCA

>naRXN00835
ATGGCCGGTGGATTGGCAGCACTATTAGACGATGTCGCAGCAATTACTCGAGCGGCTGCA
GCCAGCCTCGATGATGTCACGGCGATGGCTGGAAAAACCAGCGTTAAAGCCGCAGGCGTG
GTTGTAGATGACACGGCAGTTACCCCGCAATATGTTCAAGGTGTCAAACCTGCACGCGAA
CTGCCCATGATTTGGCGGATCGCTAAGGGCTCTTTGGTAAACAAGATCATCATCATTTTG
CCCATCGCGTTGCTTCTTTCCGCGTTTGTCTCCGTGGGCTCTCACACCAATTTTGATGCTG
GGCGGCTCCTACCTGTGCTTCAAGGTGCAGAAAAAGATCTGGCACTCCCTCCACAGGCGC
ATCAAAGGTGAACAGCACAGCACCGAACCCAAAGTCGCAGGAAAGCCCAAAGTCAGAGGAT
CAGCTGGTCAAAGTGCCATCACAACTGACCTCATCCTTTCCGCAGAGATCATGGTTATT
TCACTCAATCAGATTGCAGATCAAATATCTGGATGCAGGCTGCGGTTCTTTTCGTGCTA
GGTATTGGCATCACCGCGCTCGTGTACGGCGTAGTCGGTGTCTTGTGAAAATGGATGAC
GTCGGACTTACACTTTCAAAGCGTGACTCCGCAGGTATCCAGAAATTTGGCCGCGGCTTG
GTCAAAGCGATGCCCATCGTTCTTCAAGTTATTTCTGTTGTGCGGCGTTTGGCCATGCTG
TGGGTTGGTGGCCACATCATGGTCTGTTGGAAGTGAAGAGTTAGGATGGGAAGTCCCTAC
CACCTTGTTCACGGACTAGAGTCTTGGGCTAACGGTATCGGAGGCAGTGCTCTGGGATGG
GTTGGCAATACTTTGGGCTCACTTGTGTTCCGCTCATTGGGGCGCGATTATCACCGTT
GTGGTCAGTGTGATCAAGAAGTTCATTCACAGCGTGCGCAAAACTCGTCTCAT

>naRXN00835-downstream
TAGTGGAGAGTTGTTGCTGTAA

>naRXN00836-upstream
GGAGAGTTGTTGCTGTAAATTTGCTGTACAGTTAATATGACTTTTTACTGTCTCAATCA
ATTACAAAGTTTGACGAAATTTAAGGAAAGGAGTGCCCA

>naRXN00836
ATGTATACCCATTCAACAGGCACTCCTCAGCTTGATTTGCAGCGTGACATCTATCCCCTT
CACCTCTTCTTCTGACAGACTGCCCAACATTTGCTCTCGAGCGCGTCAATTGGCAT
GTCTTACGCGCTATTGTGAAACCTGAGCAAGGCGAACTCATCGTCAAGCGCTTCTCGCA
CCAATAGAATCCGCAACAAAATCGGTGTTTGGGTTCAAGATGAATTTCTCGGGGTGATT
GCAGAGTCCCAGTTCTGTTGAATTTCAATTTGCTCGAATTTTGCCTCTGGCCACCTG
ATTTCCAGCCAACACTTCTCACACCGAGTAAAGGATCTCTCGCTTCAGTTCTTCTTCCA
AACCTAAAATTCGGGCTCATCAGCAATGATCCTCCACGAGCTGATTCACCTCTTACCG
CTAGGCAGAATGTGGCGCGTTGAGCCACCGTTTCATGCTCTGTTGAGGATTTCTCACTT
GGCTCCACGATTTCTTTGGGCTGAGGCTTGATTTAGAAGCCCTAATTGTCTCCTATAAC
GGAATAGAATGTGGCATCTTAACTTTGATGACGCTCAGCACTAAGCTCTGCTGTGAAA
TTCTCAAATGCAATGGTCTCACCCACCGGTGCTCGGCCACGTAGTCCGGGAGAACGGT
GAAACATCCTTCGAGATTGACGTTCTCCCACTGGAGTTGTGGTGAAGAAGCAGCATCGC
CTTGAGGTTTTAAAAATCCCTCGGTTGATACCTAAAGAGGCAGATTCCCAAAATATGTG
AAGGCGACAGCGCTCCTTTCAGACGAGATTCTGCGACCACAAACGCTGTCCAAAAGGCA
CTGTCTTTGTGCGACACCGCAGTTAAGTACAGCCCTCATGTTGCTTGTGGCGTGGGATG
TTTAGTCTTTTCGCGGTTATTCCCTTTGACAAGTTGAGTGATCATAGTGCGATGCTGCTC
GCAGTCATTAGCTTGATGCTTTTTGTGCTGGCATTAGTAATTTCTTTCAAGAGAATTCAG
TCAACTAATACTCAGCGTTGGAAGTTGGCCTCGTCAGTCGGATTACTCGCGACACTTCCG
ATTATCATATTCTGGTTGCTGATACATTGATTCCTCAGGGCAGCCTGGAAAACCATGCT
CAACCCGACGTACAGGTAACAACGTTAGCTAACAGGCGGCCAAGTTCACCTACCTCACTG
GACTCACTAGGCGCACTGAATTCACCAAGTTCCGCGAATTCCTCCGAGCTCATCAATGCTG
CAAACTCTGAAATGTTGCGCTCACCACCGATCGCTCTGGGCAGTCACCGGTTTCGACG
TTCCGCTCATGGCTAGATCGATCCATTCTGCCACTCACACGAGAAAATTCGCTTCAGAA
AGCGCAGTGACAGCTCTTGGACCGTCGATAGTGACGCTGCATCTGAATCGATTACAAT
CCAGCTCAAACGTGCGAAAGTCGCCACGCAATTGACGATGGTGACGACAGTAAACCTCA

ACGGGAAGACCAGCTCCCACTACTAACTCGCCGATCATTGCTCTTCCCCAACGTGGATT
ATCGGGCCGGAAGATCCAGAATCCACCGACCCTACAGCACCAACCGAGCCACCGAGCCA
AGCGAACCTGTCGCAACCGACGAACCTCAGAGACCTCTGAACAACTTCACCTCTCTTA
GCTCGCGACACCCCGAACTGAACCGGAAACAACTG

>naRXN00840-upstream

GCGATTAATGTGACAGGAGGAAAAGAAGTTAACTGAAGTTACTAATGTGACTAAAGTTGT
TCCCTCCGCATTGTCTCGTTGAAAGGTAAGTAAACTCAA

>naRXN00840

GTGACAAAGACACTCCCCGACTGCTTACAGTCGCTGCCGCTCTAGCCATTGCACTCCCC
GCAACCCCGGTAGCATCGGCTGTACACCAAGTTGAACAAGCTTTCAACGCCCTCATCGAAT
CTCTCCAGCGGTCTCCCCGTAGACCAATGGGGACGCCCCAACGAGCAGTTCCGCCAACAA
ATCGAACAGGCAGTAAACCAACCGTGGGTCCCGCAGGAAATCAAGAACATCGTTTCTCAG
GCCATGGGTTTTATCACCGGTGACGGCAGCGAAGGTGGGGACATTGAAATCCCGGACAAC
GCACCACGCATCGCGCAGTTCTTCTGGCCACCCGATCAGAAAACGATCAACGGAAAT
TCTGCAGCCGTAGGATCTGCCTTCGCAGTTCCAGGACCAGCAGATCTCCCCCTCCCCGGC
GCAGGTGTGCGCCAAACCTCCTTCGTGTTACCGCACTGGGAACTGGCCCCCTCGCAGAA
CAGCAAAGCACCGCAATGACTGTTCAATGGGCAAACTTAAGCAACTTCACCCATGGCACC
ACGACGTTGAGCAACACCGGAATCAACCCGATGGCCCCCTCAACGATTTCCGGTGTGGCA
GACACAGGACGCGGCATCATCGTCGCCTCCATGTCAGGCGGCCTCACCACATCCACCGAA
AACGGTTACGCGAACTGTAATTTTCATCCCGACTGCCGTCGTATTTCGATGTGAGG

>naRXN00840-downstream

TAAGAAAACAATGACTGATCTTC

>naRXN00841-upstream

GCCTCCATGTTCAGGCGGCTCACCACATCCACCGAAAACGGTTTCAGCGAACTGTAATTTT
ATCCCGACTGCCGTCGTATTTCGATGTGAGGTAAGAAAAACA

>naRXN00841

ATGACTGATCTTCATCCCGTAAAGCAGGAAATTTTCAACACTGCTGAATCCATAAACACA
GATCCCAAGGGGTTTCTCCGCGAGGTAGACACCTTCAAAGTAACCGACTTCGGCCTGTAC
ATGGCTCGTGGTGCAAACACCCCAAGTTCGGATACTTGGAAGCTGGCTCCTCCAGAA
CTTGGATTGCGTGCCAAATTTTCCACTTCCGCAAAGCGGTGGATGAACGTCAGGATTAC
TACATCGATGTGCTGAAATTCGCGTCGAAGACAACATCTGGACCACCCGCGACCTCTAC
GTGGATCTCATCTCTGTCTGCGGAGAACCAGTAACAGTCATGGACATCGACGAACTAGCT
GCAGCAACCTCAGCAGGGCTTATCACTGCAGATGACGCTGAGCGCGCAATTGATGCCACC
TTGAATGCTGTTGAAGGAATCACCCGCCACGGCGACGATCCTATGCAGTGGCTGCGCTCC
AAGGGAATCGAACTACCTGGGCTGACGCCAGCCAGGTAGAGCTCGTCCCTGCAGAG

>naRXN00841-downstream

TAATACTTCCTAACCGCTGCTT

naRXN00846-upstream

CTGCGGGAGACTCGGGTAGAAGCGAAAAATAACGGTATCCTCGGGGCTGCGGATGGCTGG
CCTGGGGGAATTTCAAGTGCTGCAAGTTGGAGGAAAAACG

>naRXN00846

ATGTTGAAGAATGATCTGTCTGGTGCTCGAGTTGTAGCTGTGCATGCGCACCCCTGACGAT
GAGGCGATTACCACCGGTGGTGTGCTTGGCGATCTTGCTGCTCGTGGCGCCGATGTCACG
GTAATTACCTGCACGTTGGGCGAGCAGGGTGAGGTTATCGGTGAGACATTGCGCGAGCTA
GTCAACGGTGATGCGGATCAGCTTGGCGGGTTTAGGATCCATGAGCTTTACGCCTCGCTG
GAGATTCTGGGCGTGCGTGGCATTATCTGGGTGGCGCTGGCTGCTGGAGGGATTCCGGT
ATGGTTGGTGATCCTGCAAATGAGCATCCGCGTGCGTTTATTCACTCTGGTGACCGTGCA
GTGGAGCAATTGAAAGAACTTCTTGCGGAATTGAAGCCACATCTTTTGATCACCTATGGC
CCTGACGGCGGCTATGGGCACCCCGATCACATTCGTGCGCATGAAATCACCCACGCAGCA
GCCGCGAGCAACGCATTCTGTGGGCTGTGAGCGACCGTGAGGAGCTCGAGGACGGTCTA

AAGGCAATCACTGGGCTTCCTGAAGGTTGGGGCAGGGGAGAGCTCTCTGCGGTCGATTCC
GTGGACCTCTCTGTTGAGCTGAACGATGAAGTGTATGCCACCAAGGTGGAATCCATGCGC
GCGCATGCGACACAATTGTGGATCGCTGACGGTTCCGTATCTCGCACCAACCCGGTTGCC
GCACACGCAGTGACACAGCAGGACAATGTGAAGGTGTGGGCGCTATCTAATTTGATTGCA
CAACCCATCATGCGCCACGAGCACTACCAACTCGGCGCCGGAACACCACTGCCTGAAGGT
GCAACTGGAGTGCTTGACGGACTGGAGTTC

>naRXN00846-downstream
TGACACGGTTATGGCAGAATCTA

naRXN00850-upstream
GGCAGTTGTGCCGGTATACGTGGCGTCATGGATAATGATCGCATAAATGAATACAGCGAA
ATTACCTGTTTCAGATATTTAGGAAGGCTCACTTTTCAAC

>naRXN00850
ATGGCTAATCCATTCTCCAAGGCATGGAAGTACCTCATGGCGTTGTTGACTCCAAGATT
GAGGAGAACCGGATCCTAAGGTACAGATCCAGCAAGCCATCGAAGATGCTCAGCGCCAG
CATCAGGAGCTCTCCAGCAGGCAGCAGCTGTTATTGGTAACCAGCGTCAGCTTGAAATG
CAGCTGAACCGCGCTCTGGCTGAAATTGAGAAGCTGCAGGGCAACACCCGCCAGGCTATC
CAGCTGGCTGACAAGGCTCGCGCTGACGGTGATGTCAAGAAGGCTACTGAGTACGAAAAC
GCCGCTGAGGCTTTCGCTGCACAGCTGGTTACTGCTGAGCAGTCCGTTGAAGATACCAAG
CAGCTCCACGACCAGGCTCTGCAGCAGGCTGATCAGGCTAAGAAGGCTGTGGAGCGTAAC
TCCATGGCTTTGCAGCAGAAGGTTGCTGAGCGCACCAAGCTTCTGAGCCAGCTGGAGCAG
GCGAAGATGCGAGGAAAAGGTTTCCGAGTCCCTGAAGTCCATGGATTCTTTGACCTCCGGC
AGCACTCCTAACCTGGATCAAGTTCGTGAGAAGATTGAGCGTCGTTACGCTAACGCGCTT
GGCCAGGCTGAGCTTGCGTCCAACCTCTGTTGAGGGCCGCATGGCTGAGGTTGAGCAGGCT
GGCGTTTCAATGGCTGGACACTCCCGCCTTGAGCAGATCCGCGCTGAGATGGCTGGTGGT
TCCCTGACCGCTGGTAACAAGCAGGAGTCCATTGAGGCTCCTGCAGCGGGCAACAACGTC
ACTGATGACGCAGTTGCACAGCGCATGCGTGAGCTGCGCGCGCAGGCT

>naRXN00850-downstream
TAAACCTGCCACAGCAGACTAAA

>naRXN00854-upstream
TTCATCCGCCCTGGAAGACGGTCATGACGGGGACCCCTTCTTAGGGTCGCTGTCGGAGATT
GGACACGTAACCTCTGTGCTTGCGCTGTATTATCGTCCCC

>naRXN00854
ATGCGTTTATCGGAGTTTCGGCAACTCATTGAAGATGAATTCGGAGAAGCCAAAGGGGAG
TGGATTGCACACTCGCATGTGATTGGTGCCCTCGGCGTCACTGCAGATGTGCAGTAGAT
ACCGGGGTTGATCTGCGCGATGTATGGGAACAACCTGTGCATTGATTTCACTGTTCCCGAA
GAGCGACGACTTGGTAAAGATGAACCAGGGTTC

>naRXN00854-downstream
TAGCTTGTTTCGAGGGGGTTCGCA

>naRXN00855-upstream
TAAAAACCTCTCGACGGACGAAGCGCCACAAAAGCAAGAGAAGAATATAAGTGAACCAAA
TTCCGTTTAGTGACGTCTAGACGCCTAACTTACCTGTT

>naRXN00855
ATGACTTATTTTGCCGTGCTTTACACATACAACCCAGACAGCGAGAAAGTCGCTGAAGTT
CGTACCGTCCACCGGAGTTTATTGCCAACCTTCATGCGGAGGGCAAAATCGTTGGCTCC
GGTCCTTTTCGTGGACGGCGACGGTGGCGCGCTGATTGTCATCAAGTTGGAAGAAGGCTCC
AACCTTGTTGATGCTGAAACCTTGATGAACAATGATCCATTCCACGTAGAAAACGTGCTG
GACAACCGCGTCATCCGTAGCTGGAACCTGTGACCAAAGATTTC

>naRXN00855-downstream

TAGGCAACTTTTTCTTTAACAAT

>naRXN00869-upstream

GCCAACACCGCGGTGCGCTTGTGGCGTCCCGTCTTGAATGCTCCACCGCAATGCCTACT
ACCGATGAGGTGAAGCCTCCCTCAACCAGAAAGTCTGAT

>naRXN00869

ATGACTCCTCCGATTATCTCCCCAGAGAGCTTTGAAGCCCTAAGGCGGATGCGTGCGGCT
GAACCCACGATGGTGGCGGAACGTTTCAAGCAGCGCCGTAAGCGTGAAGTCTCGGTGAG
GACGGCAAGCTGTTTATCGTGGCTGCCGACCACCCAGCGCGCGGCACCTGCTGTTGGC
GACAATGAAACCGCCATGGCTAACCGCTATGAACTGCTCGAACGCATGGCTATCGCACTG
TCTCGCCCCGGGTGTGGATGGTGTGCTGGGAACTCCAGACATCATTGATGATCTGGCGGCG
CTCGGACTGCTCGATGACAAGATCGTGGTTGGCTCCATGAACCGTGGTGGCCTGCGTGCG
GCTTCCTTTGAAATGGATGATCGCTACACCGGCTACAACGTGCTCCTCATGGTTGATCGT
GGCGTGGATTTTCGCGAAAACCCTAGTGCGCATCAACTTGAGCGACGCCGGAACCGCCCCG
ACCTTGGAAGCCACCGCGCATGCAGTCAATGAGGCTGCAGCAGCACAGCTGCCCATCATG
CTCGAGCCGTTTCATGAGTAACTGGGTAAACGGCAAGGTGGTCAATGATCTTTCCACCGAT
GCAGTTATCCAATCTGTGCGCCATTGCTGCTGGTCTGGGCAATGATTCTTCTATACCTGG
ATGAAGCTTCCAGTGGTGGAGGAGATGGAGCGCGTCATGGAATCCACCACCATGCCAACC
CTGTTGTTGGGCGCGGAAGGCGGCAACGATCCAGATGCCACCTTCGCATCCTGGGAGCAT
GCACTCACCTGCGGGGTGTGCGTGGCCTGACCGTGGGACGCACTCTGCTGTATCCGCAA
GACGGCGATGTGCGCCCGCTGTTGATACCGCAGCGCGACTTGTTCACACAGATATTCAA
CAATTCCTTCGAGAGCATT

>naRXN00869-downstream

TAAGGAATTTACACACATGTCTG

naRXN00915-upstream

CTTGGCTGCAGGTCCACCATCAGCACAGGTCTTTGACATGAACGTAGCTCGCCGCGACGT
TTCTTCAGGACCTTCTCTACCTGGTGAGGGTGAGTCTAA

>naRXN00915

ATGTCCGCCGCCTATTTCGAGGACACCATTTTGACGGTGTCTTGGGGAGGGGTCTGACC
GCTGAAGGGATCCGACAGACCCTAGAAGACTTCGAGAAACCGGCCTAGTCCGCAACCTG
GTGTGGATTGATGCCGATAGTTTCCACGAGTCTTCATCTGAAGTCACCCACTTGGCAACC
AACCAAGACGGTCTTCCGGAGCTTCAGCGACGACCTTTCAATGAGTTGGTGTCCCGGTCA
CGAACCAAGCTTCACATCGGTGTCAACGTCATTGATGGCAGCGAAGGCATGCTT
CATGCAGAAGAACTCAACCCATTGGTTGGGATCATCGACAGTGTCTGTTACACACACCAA
ATTACCGATCCAACGTGATGATCGGTGCGGTGGCTGCCACACTTGATGAGGAACTTCCA
ATTCTTCGTGGTTATGTGAACCTGATGCTGGCACCTGAAGATAGCCACAGCCAGGCACC
GCAACAGTGACCTACCGTCATGGTTTCAGCGATACCGTTTACCCTGCACTGCGTGGCTA
ATATCGCCAGCTTGATCGGACTGTGGGAAGGCAGCACATCCACCAATCGAACAGCTCG
TACCTGCGAAAGGTTCCAGCTTTCGTTTGG

>naRXN00915-downstream

TGAGGTCTTTTTACAGGCGAATT

>naRXN00917-upstream

TGCCGTGGAAGAAAGCGCTCTTTACTGCGACAGCCGTCCTATTGGTGTGCTGTTGTGT
GGTCGGCCTTGGATATTGCCCTGTGGGTAGGAAAGCAGTC

>naRXN00917

ATGGTGAACACGTTGAAGTCTAAAACCGTGAATGTACCCCGTTTTGCCAGAGGCGTGTG
GCTGCAGCCACAGCGCTATTTTTTGGCGCTTTGGTAAGCCTCGCGCCTAGTGCCTGGCG
CAGGAACCACCTGCAGTTGAGGCGGAGCGTCAGGTTCTTTGAGCAACCTGGGTGCTGCTG
ATCGCTGATAAAGGCACTCTTGATGTCATCATGATCGATGAGACAGAATCCTTGATC
CATGAAGCTCGTGACGGCGTGGTCAACGCCAATGAACCAGGCGCGGACGCACAGCACCAC
CGTGTTCCTGCAGCACAGAGCTTTGTGGATGAGCTTCTAGCCAAGCAAAGCGATGGTGAT
CTGAACACCGCATCCGTGTTGCTGGTTTCGGCCAGACGTACAAATCTGGTGCCACTGAT
CCAGACAATTACGGAGCATGGACGCAACTAGATGCCTCCACCGTTGGCGGAGTACAAGAT

GAAATCTCCCGCTTCGCTGACCGCACCCAGGAGCAGTACACCAACTACGCCTCCGCGATT
 GAGGGCGCTTACCAGGACTTCACTAGGTCCGGCTCTGAGGACGCCTGCCGCATGCTGGTG
 ACCTTCACCGACGGCGCACTGACCGCTCAAGAAGGCGCCGATGTTGCAGAAGCAGCACTG
 TCGCGCCCGGGTGGCGTCACCGATCGACTGCGCAGTGCTGGCATCACCCACATCGGCATC
 GGTTTATCGGCACCTACCAACCCATCTGATTTCAGCCTGCTGCGCGGAACCAACCGCAGGT
 GCGGGAACATGTGGTGTGCAACCAGCTAACGGTGCATTCTTCCCAGCAGATAACGTGGGC
 GGACTTTTCGCAGCATTCCGTGAAGCCCTTGCATTGGTGGTGAACAATTGGTGAACCC
 CGAGCTGGTGATCCTTTAGCTTACCCCTGGACAACCTCGGTGAACCTCTGTGCGTTTACC
 GCGATCGCCAAGGATGATCTCGGCCCGAACGCCCACTTGGTGCTCACCGCACCCAACGGC
 GAAACGGTTGAGCTCAAAGATTCTGGAAGCAGCGTCGCCAACAGCACTGACGTGAGTTGG
 GAAGCCGAAAGCAGCCCAAGTAAATGGCTGATGGTTCCCTCAACCTGCAGCAAGGTGGG
 GATTGGAAGGGTGTCTGGCAGATTCACTTCCAAGGAATTGATCCTGCAGCGGTTGATGGA
 CGCGTATTCAACTCAGTGGAGATCCAGCCTGACCTCCAGCTTGTGTTCACTGGCGGTGAT
 TCGACGTGAGTGCATTAACTTTCGCGATGATCAGCAGCTGAATATGCAGCTGGTGGGC
 CGTGATGGTCAGCCACGCATCCTTGAGGGGTCCGCGCTGGTCGATCTTGGTTTACCCGC
 GCAGATACCGCGAGTTCGCCCCCTTGGCTCAAGGAATTGATATTTCTGGCGGCGAATTA
 AGCTTCCCGCTGGATACGATTTTCGCAGCTCCCAGCCATCGGCACGGTGAAGCGCGTACC
 ACGATCACCAACCGCAGGCGTCGATGATCTCCCCGGCACCACTTGAGCCCAATTCTCAAC
 ACCACGCGCATCACCATCACTCAGCGCGATATGCCTCAGCTGCCAGCGTCGGTTTCGCTTC
 ACAGCGGATGAGGACGTTGTTACCGTAGACATCCCCATCACCGGCCCGGCAAGGTATGG
 ATTGCACCGGGAACCCAGCTCAGCGGAGTGCTTCCAGACGGCGTGGACGGCATTGCAGCA
 TCAAGTACTTTTCGACAGCCAGATAATGCTTTGGTGCTCGGACTGGATGAGCAGGGCAGC
 ATTCCTGTTGAACTAACCGTGAGCGATCTTCGTGACGGACTGGTCAACGGCTCGATTCCA
 CTCCAGATCTCCAACGCTGAGGGCGCCAATGAAACCAGCGTGATCTGCCGACAGAAGGC
 ACGTTGAGCGTTCCCATTAACGCCTCCACTTTCGCATTGGCATTCAATTTGGCCCTTGTG
 CTTTCCCTCTGATTCCGCTGCTCATTTTGTATATTGTGCGTTTCTCTCCGCAAAGGTT
 CCGTCTCTGCGATGAGTGGCGTGCGCATTCAGTGGAATTCTCCGGTGAAGCTCTGCGC
 TATGCGGGCAGCACTATGCCTGATCTCGCATCGCAAACCACCGCCACCAAGCAGGTGCTT
 GTTCATGGAGACCTTCAATGTGGAAGGCCACAACTTAAAGTCCAGCGCTTCCAGCTG
 AACCCGATTGCGTCTCTGCGATGATCGTGACAGCCGACCCGTCGATCAGCTTCGACGGC
 AAACAAAAGGGCACACAAGCTAACTCCCGCTGGCGGTCCAAGGCAGTTGGTTCCTCACT
 GCAAGCGGCGCTGACCCTTCCAAGATGGAACCTATCGCCCTGACAAACCTGCCGCTCGAG
 CAGGGCCAAATCGACCGCATGATCGCAGGTATCACCAGCAAAGCCCCGATAGGGCACGC
 GAACTACAAAAATTGCTTGACGACGCGCGACCTCCCAGCCGCAAAGGTTCCACCGCGC
 GCCCCAGCCGCGCAGGGCCACGTGAAAAGCAAGCTCTAGTTTTGGCACTGGTTCGGGT
 GGTGGTTTTCGGCTCCAGCAATGGTGGAGGCTTTGGCTCCGGTAGCGGATCCAACGACACA
 AATGGTGGATTTGGTTCCAGCGGCGGCTTCGGCGCGCGA

>naRXN00917-downstream
 TAACCTGTAACCTGCGATTAAAA

>naRXN00921
 CCTGCGGCAATCTCTTGGACCATATCGTTCCGAACTTCAGCAGAGATCGGTCTTTGCCA
 GACATCGAAGACTGGACGAGAAGCGATGAAGCTCAGCAGATCTTTCAGGAATCATTGCG
 GGTGCGTCTGTTCAAACCTGGTAGAAGCCACTTCAATGTGGGATCTTTTGCAGGCGTATTTT
 GGAGTCGCTTTGATCGGCGACGAAGATACCTACAGGGCTTTTACTACTCTCACGGTCGAT
 TCTGTTCTTAGTTTCGTGCAGTTAACTCTTCAAGAGGGCAGAACGGAAGACATTAGACGA
 TTCGAGAAATATGGTGAGCAGATTGCCCCAGAGGATTTGCCGTCGATTCTACCAATGCT
 CGAGCAGTACAGCAATATCTCGGCTATATCGACCAAGATATCATCAATAAGAAAGTGTC
 CGGTCTAGGGATGTTAACAGATTTTTACTGAGATGGCGCGCGCTATCATCAGAGCAATT
 AGCCGGAATAATATTGGAAGGACATGCGGTCA

>naRXN00921-downstream
 TGAACGTGATTGACTGGATTCC

>naRXN00943-upstream
 TAGGTACGATCGGACGAGGAGAAAAATCTGAAAACAATCCAGTGGCCACCTCGGCTTA
 TAAACTGGACAACAGTATTTTGATTGGAGCATCACCATA

>naRXN00943

ATGATCCGCAAACCTTGCTCGACCAATGCTTGCATCGGTCTACGTCGCAGATGGCGCAGAA
ACAGTATTGAACACCAGCGCACACGTCGAAGGCACTCAGGTAGTTCTGGATCGTATCCGT
TATGTGCTGCCCCGTAAGTACGCAAAGCGCATTTCCAGAGATCCAGAATTGGTCACCCGC
GTCATTGGCGGCACCAAAGTCGGTGC GGTTCTTTGCTAGCTATTGGTCGTGCACCACGC
ACCTCTGCAGCTACCTCGCAATCCTGACTATCCCTAACATCCTGGCTCGCAATGCGTTT
TGGGAAACCCAGGATGCGGATGAAAAGCGTAACCGCCGCAACGGTTTCTCACCAACATT
GCCCTGCTTGGTGGCCTGTTTATCACTTCTGTTGATACTGAGGGCAAGCCTGGCGTGAAG
TGGCGTGCAACCAATGCTACAAAGCGTGGCAAGAAGCAGCTGCAGCAGGCACTTCCAACC
AAATCTGAGACTGAAAAGTTTCGGTGAGAAGGCCTCTGATTGGTTCAACGATACTTCTGAC
AAGGTCACCGAGTACGCGTACACCGCTCAGGATTTTGTGCGGTGAGAACAAGGATGACTGG
ATCAAGTCCGCAACCGAGACTGCTCACAAGGTCGCTGATACTGTGAGCGATTACGCTCAC
AAGGCTACCTCTTACCTTGAGGAGAACAGCGGTGACTGGCTTGAGGCTGCGCAGGCTAAC
GCCAAGACTGCTCGTAAGTCTGCAGTGAAGGCTGCCGGCAAGGCTCAGGAAAAGGCTAAC
TTTGCTCTTCAGGTGCGCAGAGGAAACCTCTGGTCGCGCCAACAAGAAGGCAACTAAGAGC
TACGACAAGCTTCAGAAGCAGGCTGATAAGGCCATCGATCGTGCACAGAAGAAGCTGAAG
GGCATCGAAGCTT

>naRXN00943-downstream
TAAGTAAGTCTCTCTGATTGAG

>naRXN00945-upstream
TCACAGTACCACCCACAAGCCACAAGGAGGTATGGAGGTGGGCGTCTAAAGCCAAATTT
TTCCCGGTGTTTGGAGCGATTGCACCGTACACTAATGTGC

>naRXN00945
ATGCTTGAACGCCTCAAACGCCTAGATCCGCTCATTGTCTCATTGTGCTGGCTGTCATT
GTGGCGATCATATTCCAGTTCGCGGGGTGCTGCGGATTGGTTTGATGTCGCGTCAAG
ATTGCCATTGCGTGCTGTTTTTTCTTTATGGTGCCCGCTATCCACCCAGAGGCGCTG
AATGGTCTGAAGCACTGGAGGCTTACCTGACTATTTTGGCGATCACTTTCGGAATATTC
CCACTTATCGGCATTGGGCTCGAGCCGATGACTGCATTTGTGTGCGAAGATATTTATCGG
GGAATTTTGTCTCACGCTCGTTCCGTCACCGTGCAGTCATCGGTGGCGTTTACCTCG
ATCGCTAAAGGCAACGTAGCTGGTGCGATTGTGTGCGGCATCGCTCTCCAACCTTGCGGGT
GTTTTCTCACTCCGCTGCTGGTCACTCATGTCTGCGGGCGGGGAGTTCACGTG
GATTCCCAGGTCTTCTCGACATTGCGATTGAGCTTCTGCTGCCGTTTATCCTCGGCCAG
GTATGTAGGCGTTGGGTGAAGAATTTTGGCGCAACAAAGCAACAAAATCGTGGACCGC
GGCTCGATCGCGATGGTGTGACTCCGCGTTTCTGCCGGCATGGTGGCTGGCATTGG
TCCACTGTGAGCGTTCTAGAGATTATCTACCTCATTGTTTTGCTATTCTGCTGGTGATG
GCCATGCTGTGGTTACGCTGTTTATGGCTACACGCCTTGGAATTAACCGGCGAGATTCC
ATCGCTATTAGTTCTGCGGAACCAAGAAATCCCTGGCCACAGGCCTCCCAATGGCGGCA
GTCATCTTCGGTGGCGCAATATCGGCCTGCTCATCTTGCCGTTGATGATCTTCCACCAA
GTCCAGCTGATGATTGTGTCATGGCTTGACGCTCGTTATGGTCGTGATGCGCAGGAACAG
AAAGCCAACGCC

>naRXN00945-downstream
TAAAAGTCCCTCAGTAGCTAGCCA

>naRXN00946-upstream
GGGCGGTGTGAATAAAACACCTTCCCCAAATAGACAGCATGGTCTAGATTAGCTTGAAA
CGAAAGCGTACATTGCGAGCAACTAACGGAAAGCAGCTC

>naRXN00946
ATGACTCACACTCTGCAGGCAACTAATCCCTTGATCAAACCGCTTGGCACGCTTGGCAT
TTCTCCCGAAACAAAGAGGCCATCAGCCGCACCGGCGCCACCAGCCTGAGTGCCACAGAG
TGGATTAGCGCCACCACACTCAAGGACGCGCACACTTTTCTTCACTTCCCGGCGATGG
TATAAACGAGGCGGCGGGGTAGTGGGAGCACATTTACCACCAGCTTTCGCAACAACCTGGA
ACGGTGCAACTGCGCCCCGGTGAGCTCTTGATAGCGGAAGATTTACCCCTACCGTCATT
GAACGGCTTGGACAGTTTGCACTTCAGGTTTTTGATGCACGCAATCCGAAGCGTTTTGAA
TTCCACTCCATCGCAGCTTTCCACCGTCCGAGGAATGGCGGATTGAGGCTCGCTTCTTC
CCGGAACCTGACACTGTTAACACCGCTGCAGCTGATGGAGTTATCGTTGCCACGCCTACT

GCGGGTTGGGTGCACTTTTTGAAGGGCCGCTGGATTACCGTCTTCGTGTAACCGTTCAG
 AAAAATAATCTACGGGCACTATTTAGCGACAATTCCTCGACGTTGGGCGTTTATCAGCAT
 CGTTTTGTCGACATCCCACGCCCTGATGCCGAGGGAAACACCATCATGATTTCAACCGC
 GCTTATCTTCCCCCAAAGGCATTGAACCGAAAGTTCCTGTGCCATCGCCAGCCTGAAC
 AACCACCTCAATCTACCGTGGAGGCAGGGGAGAAGTGGGTGGTTGCTGGAGGA

>naRXN00946=downstream
 TAATACTTGCTAACCGTCTCTAAA

>naRXN00953-upstream
 CTTGCATTCCCCA

>naRXN00953
 ATGGCGCCACCAACGGTAGGCAACTACATCATGCAGTCCTTCACTCAAGGTCTGCAGTTC
 GGC GTTG CAGTTGCCGTGATTCTCTTTGGTGTCCGCACCATTCTTGGTGAAGTGGTCCCC
 GCATTTCCAAGGTATTGCTGCGAAGGTTGTTCCCGAGCTATCCCCGCATTGGATGCACCG
 ATCGTGTTCCTTACGCGCAGAACGCCGTTCTCATTTGGTTTCTTGTCTTCTTCGTCGGT
 GGCTTGGTTGGCTGACTGTTCTTGCATCGTGGCTGAACCCAGCTTTTGGTGTGCGGTTG
 ATTCTGCCTGGTTTGGTCCCCCACTTCTTCACTGGTGGCGCGGCGGGCGTTACGGTAAT
 GCCACGGGTGGTCTGAGGAGCAGTATTTGGCGCCTTTGCCAACGGTCTTCTGATTACC
 TTCCTCCCTGCTTTCCTGCTTGGTGTGCTTGGTTCCTTCGGGTGAGAGAACACCACTTTC
 GGTGATGCGGACTTTGGTTGGTTCGGAATCGTTGTTGGTCTGCAGCCAAGGTGGAAGGT
 GCTGGCGGGCTCATCTTGTGTGCTCATCATCGCAGCGGTTCTTCTGGGTGGCGGATGGTC
 TTCCAGAAGCGGTGCTGAATGGGCACTGGGATCCAGCTCCCAACCGTGAGCGCGTGGAG
 AAGCGGAAGCTGATGCCACTCCAACGGCTGGGGCTCGGACCTACCCTAAGATTGCTCCT
 CCGGCGGGCGCTCTACCCACCGGCTCGAAGC

>naRXN00953-downstream
 TAAGATCTCCAAACCTGAGAT

>naRXN00959-upstream
 TTTGGAGGCGGAGCATCATACCTTTTAATGTCAGGATCGTGCAGTGAAGAATTCAGGATG
 AATTACTCGCTGGAATATTGGTGGGGATAGAGTTGTTGTT

>naRXN00959
 ATGACGGTGATCGGAATTATTCTTGGCAGCCTTTTTGGCGTTCTTGCAGTCCTTCTCATC
 GTGGTTGGTGCTTTGGGGTGGGCGGCTAAGCTCCCTGGCAACCCGGTTGTGGGCATTCTG
 GTCCCTGAGGTGCGTAAATCCCAAGAATTGTGGGATATGGCGCACCGTGTCTGTCGGCCG
 TTGTGGGTGCTGTCTGGGAGTTTCTTTGTTATTGCATCGCTAGTTGCGTTTGTGCTTCT
 GGTGGATGTGGCTTGTGTGGCGTTGGGTGTTGAGGCTGCCATCGCGTTCATTGGTATG
 GGTGCGGGTATGGCTGCACATACTGTTGCGATGGTTGACGCGAAGCGCATTCGCGAAACC
 CCGCAGGCGCCTGTTTCCGCTGAAATTGAAGAGGCCGGTGGTGTGACTATTACCTCTGCC
 GATTATCAACAAGACTCCGCTGAATGCCCCAAGAT

>naRXN00959-downstream
 TGACTTGGATGCAGTGCGTAGAG

>naRXN00963-upstream
 CTGGCTCTGACGGCGTCGACTTGTTCTGCTTCTCTGATACACCAATTTTCGAGGCCCTTA
 ACCTCGCACGTACTTTTACTCCGGAAGGAATCTAGAACTT

>naRXN00963
 ATGCGTCTTGCAACAATCCGCACCAACGGCACCACTTGCTGCTCGTGTGAATCTGAA
 AACACCGCTACCACCATCGAGGGCTTTGCCAACGTCGGTGAATTACTCCAGGAATCCAAC
 TGGCGCGAGCTGGCAGAAAACGCTGCTGGTGAGGCTGTGACCTTTGAAAACAAGGAGCTA
 GATGCAGTAGTTCCAGCACCTAAGAAGATTGTGTGCGTCGGCCTTAACCTACGCCAACCA
 ATTAAAGAAATGGGCCGCGACCTCCCTGATACCCCAACCTTTTGTGAAGTTCCCTGAC
 GCGCTCATCGGACCTTTTCGATGATGTTGTCTGTTCCAGAGTGGGCTAACAAAGGCTCTCGAC
 TGGGAAGGCGAGATGGCAGTTATCATTGGCAAGCGCGCACGCCGTGTCAAGCAGGCCGAT

GCTGCTGAGTACATCGCTGGCTACGCAGTGATGAACGATTACACCACCCGCGATTTCCAG
TACGCAGCACCTGCAAAAGACTCCACAGTGGCACCAGGGCAAGTCTTTGGAAAAGTCCGCT
GGCTTCGGGCCTTGGATGACTACCCAGATTCTTTTGTAGTTTCGGCGGCGAGCTGGCAACC
TACCTCGAGGGCGAGAAGGTACAGTCCACCCCTACCAATGACCTGGTCTTTAGCCCAGAA
AAGCTCATCGAATACATCACCACATCTACCCATTGGATGCTGGCGACGTATTGTTCACC
GGTACCCCGAGGCGGCTTGGCCACGCACGTAACCCACAGCGCTACATCGGTGACGGCGAA
ACCGTAAAGGTTGAGATTGCGGGCCTCGGCTTCATTGAAAACAAGACGGTGTGAA

>naRXN00963-downstream
TAAATGACAACCTTCCACGATCT

>naRXN00971
AAAGCACTTTCCATCGGAACCCAGTGGGCACAAGTCATGGGCATTAACCACGCCGAAGCC
GAAGAATCGACGAAGCCCTCTCCCGCTCATTAACCGCTCCGCGAAATGGGCTTTGAC
CCCACCGAAACCGAAGAAGCAAACTCCCTCGCTCTACACAGCTGCCATTGTGGTCAAC
GACAAACGCCCATCAGCCTTCGTCTGCGCCATCCACGCCGATTTCATCCAAGAAAGCCTC
GGTGAACAACCGCATCCAGCTGGAACCTCAAACCACTCAACGCGCCGGGCACCTGTAAG
GTTACGTTGTCAGCGAA

>naRXN00971-downstream
TAATTGCTGCTAATAAGGCC

>naRXN00991-upstream
ACTTCAAGGAAAGACGGTCCCAAGAGCTAAAACCTCCCCACGGCACGCGAAGCTGAACAG
GCTTTCACCGCTTCTAAGGGCAACAGCTTAAACCACGCTA

>naRXN00991
ATGGACATACTCATAAGCATCCTCTCACTGCTAGGCTTCGTGCTTCTTACCGCGAGCACC
GGACTATTTCGTGGCCATTGAGTTCGCACCTACCGGCTTAGAAAAATCCACTGTAGAAACA
CATGTGAAGCAAAAAGGCGACAGCAGCGCCGCGCAGTGCAGAGGGATCATCAAAATCTG
TCGTTTCGTGCTCTCTGGTGGCCAGCTGGGCATCAGATCACGACACTTGCCACAGGCTTC
CTCGCAGAGCCGGTTTTGGCCAAATTCTTCACCCAGCACTTGAGCTGGTGGGATTAAAT
GAATCAGCAAGCTCCGCGAGTAGCCCTCATCATCGCACTGTTGGTGGCAACTACCCTCTCC
ATGGTTTTTGGTGAGTTGGTTCCCAAAACCTGGGCGATCACCACCCGTTGGGCGTGGCA
CGTTTTTGTGTCCACCCTGTCAATTGGTTCAACATGGTTCTCAAGCCGTTTATTAACGGC
ATGAACAAGTCTGCAAACTTTATTGTCCGCAAACTTGGTATTGAACCAGCCGAAGAGCTT
GCCTCTGCCCGTTCTCCCAAGAGCTACCGCCTTGGTACGCAGCTCCGCGGAAAGCGGC
GGACTGGATCAAAACACCGCAGCGGTGATCAACCGATCCCTGCAGTTCGGTGACGCCACC
GCTGATGAATTATGACACCTCGCTCCACCATTGAATCATTGCGTGCCACAGACACCGTC
AATGATTTGATCGAGCTTGCCCTGGAACGGGTCACTCCCGCTTCCAGTCAACGAAGGC
GACTTGGATGAAACCATCGGCATGGTCCACATCAAGGACGCACTTCTGTAGTGCAGGCA
GAACGCGCCACCACCATGGTGCGGATCTAGCCCGCAAAATTCCTGTGGTACCAGCCAGC
CTTGACGGCGACTCTGTCTCAACGCTGTCCGCTCCGCGGCTCCCAAGTTATTTGGTT
GCCGATGAATACGGCGGAACCGCAGGCATGGTCAACATCGAAGACGTCGTGGAGGAAATC
CTCGCGCAAAATCCACGATGAGCAGACGACTCCGACGCCGAACGCGATTTCCAACAATTC
GGCGCCAGCTGGGAAGTCTCCGGCCTGGTCCGCATCGATGAACTCGAAAAACGCGTCGGG
TACGTCTCCCTGACGGCCCTACGAAACCTCGGCGGCTTGATCATGTACACAGTCGGC
GCCATTCCTCGGTCGGCGATGTGCCCCTACTCCCACTGACCGATACCCCAACCATGGAT
GAATTCGAATCCGGCTTCTCCGGACGCTGGATCGCAGAGTAACGGTCATGGAAGATCGA
CGCATCGACAAAGCGTTCTCACCCCATCACCCATGAAGAAGCAAAGGAGTACGAAAAG

>naRXN00991-downstream
TGAGTATTTGGGCAACTGTCCTT

>naRXN01004-upstream
CCGGACGCTGGATCGCACGAGTAACGGTCATGGAAGATCGACGCATCGACAAAGCCGTT
TCACCCCATCACCCATGAAGAAGCAAAGGAGTACGAAAA

>naRXN01004

GTGAGTATTTGGGCAACTGTCCTTCTAATTATCGTCCTTCTTTCCGCCAACGCCTTCTTC
 GTGGCCGCGGAGTTTCGCACTGATTTCTCGCGCCGGGACCGCCTGGATTCCCTGGTATCC
 CAGGGTAAAAAGGGAGCTGAAAAGGTTCTCTACGCAACCGAGCACCTCTCCATCATGTTG
 GCGGGCGCTCAGTTCCGTTATTACGGTCTGTTCTCTGATTCTGGGTAAAGTCGCAGAACCT
 GCGATCGCCCACTTCATTGAGGTGCCTTTCACCTCCTGGGGTGTTCCAAATGATTTGATC
 CACCCAATTTCTTCGTCATCGCACTGGCGATCATCACCTGGTTGCACATTCTCTTTGGT
 GAAATGGTGCCAAAGAACATCGCTATTGCTGGCCCTGAAACCTTAGGCATGTGGCTTGCT
 CCAGTGCTCATTCGCTTTGTGAAGATTACCCGCCCGTTGATCGAGTTCATGAAGTGGATC
 GCCCGTCTGACCTTCGCGCCTTTGGTGTGGAGCAAAAAACGAGCTGGATTCCACCGTG
 GACCCAGAGCAGCTGGCATCAATGATTTCCGAGTCCCGTTCCGAAGGCCTCCTTGATGCT
 GAAGAGCAGCGCCGCTGTCCAAGGCGCTGCGCTCTGAGCAGCGTTCCATCAAGGAACTG
 GTGATTAAGGATGAGGACGTGCGCACGCTGGCGTTCCGTAATCTGGCCCGACCTTGCAC
 CAGTTGGAGGAAGCAGTCCGCGAGACCGGTTTCTCCCGCTTCCCTGTACCGGCCGCGAT
 GGATCCTACTTGGGTTATATCCACATCAAGGATATTTGCCTCGTCTGGCTGATCCTGAG
 ATGGATCCCTCCGAGACCATTCGCGTTCTGCACCTGCGCCCTTTGAGCAATGTGGATGCC
 GACGGCCTCATGGATGACGTCTTGGATTTTATGCACTACCGCTCCGCGCACATGGCTCAG
 GTTCGCCTCAAAGGTGAGCTTCTCGGCGTGATTACGCTGGAGGATCTCATCGAAGAATAC
 GTGGGCACCGTCAACGATTGGACTCACGAAAGCTCCGACGAC

>naRXN01004-downstream
 TAGAAATAGTAACGTGTGTTGGAC

>naRXN01016-upstream
 TGCCCGTCGAGGTGAACGCCCAAGAATAGTTCTCTTTCGTCGACTTCTCACGTTGATACC
 GCTCGGCATCATCCACCAAATTCTCCAGCCGGGTGAAGCA

>naRXN01016
 TTGTTGCCGTATGCAATAGTCGGCCTGGTCATTTTGCTGCCATCCTCCTGGTTGCCTCGT
 TGGGCTGTGCGAGTCCTTGGCGAAGTGTGCTTGTGCCAGCGGTGGTTTTCCGGTGGCGGG
 TTCCTGCTTATCCCTCAATGTTCTGATCGGTTACGCGCTCGTTAGGTATGGAGTAGTC
 GATCGGGCAGAGAACGCACCGCGGGCTATGGGAGTCTTTTTCGCCGTAAGCGCAGCAATC
 GCTATACCTACCTCAGCGATCATCCAGGCACGTGACATCACTTCTTCAGGCTTCTCGATCGTT
 TCCACAGTGGCGGGACTCGCGCTTGGCGGCGTCTACATTTCTTTAGTGTGCTGGCCTTG
 CATAACCGATTCCGCGTGCACCTCGCTGCAGTTTTCGCACCTTTAGGGCGTATGGCGCTA
 ACCAACTACATTGGTGCAACGATCCTCATGCTCATTTGGCGGGCTAATCGTGGATCTTCCA
 CACAGCACATCATGGACAGCTACGGTGCTCCTAGCTGCGGGTATTCTCATTATCAAGAG
 CTACTTTCTGCTTTATGGTTGCGCCACTACACACAGGGGCCACTTGGGTATCTATGGCGT
 TGGGTGACTTGGGGAAGCCGTTCCCCCTTCTTACCCGTTCCGCATCA

>naRXN01016-downstream
 TGACAGGTACGGAAGTGTCTTAC

>naRXN01023-upstream
 AAGCGAATCCGGGAATGAAAGTGAGTGCGCCAAAGTCAACTCCTTGGTTCAAGTGTGAGT
 ATTTTTCTAGTCTATCGCCCCACAGGTAGGCTCAGGACAC

>naRXN01023
 ATGAGTGCCGTGAACAGTGCTGGTGCAGCCAGCCAAACGGGGGAATTAACAAAACCCCCATG
 ATTATTGCCCTAGTGTTATCTATTGTGTTGGTTTTGGCGGTGCTGTTTCGGCGCCCGAGTC
 CTCTTTGGCCCCGCCGCCAGCAACAGATAGCCATGAGTGGGCTTCCCGCCCCAGACGCA
 GAATCTGCTGAGTGCGCCGCACTTACTCGAGGATCTCCCGGCGAGGCCTTCGGGCACACC
 CGTGCAGAAATCATGGATCCTGTTCCACCGGGCGCTGCCGCTGGTCCACCTCAGACCTC
 GAGCGTGTGACGCTGCGTTGTGGCGTCGATATGCCATTCCAGTACACCGCGCTCGCCAAC
 ACCGTCGACGTCGACGCGACCACTGGCTACCTGTCTCCGACATGACCCCGGCTCCTCC
 CTGGAGACCTGGTACTCCGTCAACCGCTTCCCCGTCGTCGCCATCACCGCCGATGACATC
 AGCACCGACAGCGCCGACAACCCCGTCGCCCTTTCAGCAGCGCCGTCGACAAGCTAGAA
 AAGCGCGACGGCCAGCCCTTCGACGCCCCACTTACCGGCTTGAGCTCAGCCGGCACCCACA
 TGCATTTCGCTTTTCGACGCCCCCTCCCCGCCAACTCGAAGTCGGCGGCGACGACGGCACA
 ACGTACGAACGCATCGAGGAGGACCGCATGCAAGGCCCGGATACTCCGACGACGACGTC
 GCGTGGGACACGCCGGGATTAGAACCATTGTGATCCGTTGCGGCGTGGAGCCTTCTGAG

AACTACGCAGCCGGTGCCATGTTGCAGCAGATCGATGACATCCCGTGGTTCGAGGACACC
ATTTTGGCCTCCGGTACCACCTCGTCTACCTGGTATGCCCTTGGACGCGAGATCGACATC
GCCGTGTCTCTGCCTCAGGCTGCTTCCTCTTCCCTGATTACTATCTCCGGTTTCATTGAA
GACACGGTTCCTGCGGAA

>naRXN01023-downstream
TAAGACATAAAAAATCGCCCCAC

>naRXN01028-upstream
CGCAAGCAGCTGCACTATATTACGGCATTTCACCGTGCCTGGGACCCATCAACGCCGCTT
CAATGACGCTGACCCAGCGGTGACCCATCCGCATCTCACA

>naRXN01028
GTGATCTACCCACCGCTCACCCCTGCATCCGAAGAGAAATTCAACAAGATCACCTCAGTC
GCTGCTGTGAGCAAGCGCCCAACCACCTGCCGTATTTCCGTGCAGATGGTTCACCTACT
CGTGGCTTTGCTAACTTCTCCACAGGAGGTATTACGGTGCGGAATACAACGAAGATCGT
TTTGACCATGATCAAGATCTACACACAGTGGCAACCCGTGAATTCTTCGCCATTCTTGAT
GCGACATTAGCGGCTCTCTACGCAGCCACCAAGCCGAACCTGAATCGGCGGACTACCGAG
ATTGCACAAGACGCACTCGCCTGGGCAAAGAATGTACTTAGCGATCAAAAACCTCATCGCT
AAGTCGCCTCAGTTATACAACCCGAAACCGGGGTACCTATGAGTGGGAGTTTGTGCT
CAAGCAGCATGGTGGATTTCGAACAAACCGGTTGAGGTTATTTTACCAACAGGTGAATCA
ATGACCGTAAAAACACAAATCTGTATTGGCATCTGCGTCTTACCCACTCCGAGACAACGTG
GCGTACTGGCGTAGCGAACCACCAACACAGCTGTTTCCCGTAGCAAAATCTGGTGGT
TCCTCGCTTGAGAAGAAGTACAACCTACACCTCTGTGGGTACTGCTATTACGAGGACTTT
AGCAGTTACTATCCGCTCTTGCTCACCAATATGGCTGCATTTACCAATGCTGACTTAGGT
ATTGATGAGAAAACCGGGCGCCCTCGTGACCGCTACCGTGAAATCTACGAACAAAAGAG
ATCTATGGCGCACAGCGCAAAGACCCCTCCATTGATGAAGAAACAAAGCAACGTCTAGGG
ATTTTGC CGAAGGTACCAAGTTGATTCTTAACCTCGGCCACCGGTGCTGCTGATGCTGGT
CACGACACCCCGATCCTCATGAACAATCGCGTTATTGCCATGAGGATTATTGGGCAGCTA
TTTTCTTGGAGAATTGGGCAAGCTCAATCACTGGCTGGTGCAACGATTATTTCCACTAAC
ACTGATGGCCTGTATTCCGTACTCGATATGGGGACTAACCAGCGCGTTCTTGATGAACAC
GCTACAGCCATCGGTGTGCAAAATTGAGCCTGAAGAACTGGATATTGTCTCCAAGGATTCC
AACTCACGTGCGGAATTTCTCGGCAATGGCTACATCAATGCGGCCGGTGACTTGGCGTGT
TGGGATGGACCAACTCTCGGAACTCACTAGATCACCCGGCCTTTGTTGACCATGTGCTG
GTGAAGTATTTCCAGCTCGTCTGCAACAACACTGTGCCAGAGATTCCAGAAACACCTGAG
CTTGAGGGTGTACCGCTGGCTCTTGATCAACCATGAACCGCCACGAAGTCTCGAAGATT
GTCGCCACTATGCACAAGGAATTCGAGCCGAAAAAGCTGCTGTGCTTTTACCAAAACATT
TTGGCCTCTTCACGCGGTTCTAATACCTTCCTATTCTCTGTCCCCTATATCCCTGCAACA
GAAGGAGAAGAAACCCACCCCTGCAACAGATACCAGCACTATTGCGACACCAACCTTGAGC
TTTGATGCTTATGGTAATAAGGCCGAGGTGATGCCGACTCAATCCACTGTGGATAAGCGC
GTGCCCTCTTTGCTGAGTATTACACGCGTACATTCCATGTGCGACAAGATACGCGAGCAG
GCTGTCTTTGATGTTATTGGCGCAACCCCGTGTCTATCGCCGAGCAAAAGCTGCATCC
ATATCACCGGCTTCTGCTGATTACGTAGAAAGAAGGGCCTGGCCTCCACCAACGCTGAC
CCAGTAGCCAAGCATGTACTAGAAATTGCAGGAGCTGATGTGGAATCGCTGCGCCATGAA
AAGGATCTCAAGGTCACCAAGCACACTGGCCAAGACCCAGCACTGCCTGTGCTGGTCTTT
AACCAAAACCATTTGGCATAACCCCAACGACGATGTGATTAATGCATTACTGGGCGCTATT
GACCAGGATGCCTACATTGACATGGCGATCTCGTCTACAACAAGTCTTGGCACAACATT
ATCCCGGCT

>naRXN01028-downstream
TAACTACCGCTGGGTAGACCCCT

>naRXN01069-upstream
TCCTAAGCTCTCTGAGTACCTGAGACCTTCTCAGCAAAACACAAAGTGCCTTCACCCAA
CCTGGGGTGGAGGCACTTTCTCATTGCTAAGGTGTGCATC

>naRXN01069
GTGAACGATTTACCGAACCTACCAAGCTGCCCTTCAACTGGACATGGGTGCTGGCAACT
GTTGCCACGACAGTGGTGTGGCGGGTATTGGTTGTATGTGTATTACCCGTCGTTGCCA

GATCCTATGCCGGTGCATTGGAATGGATCCGGGGAGGCGGATAATTGGACGCCTAAATCG
GTGGGTTTCGTTTTCTTCACTGATTTTGATAGGGCCAGGCATTATTTTGCTGACCCTGTGC
GGTATGCAGGCGTTGCTGACCATGCAGTCTGGAGTGATCACGCAACGCGGTGGGGCGAAA
TCGGCGAATGAAGCGCACCGGCAGTGGGAAACCTACAAGGCAACAAGCATGCACATGGGT
TGGTACATGTTTGTGCTCAACGCTTTGATTTTGGTGATGATCCTCAATGAGTTCGCCCA
AACCTCTGCCTGGTGGATTTATCATCGGGCTTATTGGAATTATTGCTGCCACGATTGTC
CTGTTGGTTCTGATTGGAAAAACAACCACGAGTTTGGCAAAGAAATACCCCATGCCTGAC
CAAGATGGAAAGACGTGGGGGATTTTCTACAACGATCCGGACGATAATCGGATCTTAGTG
GACACCGGGATGGGGATGAATTACACGTTTAAACATTGCCCATACGTGGGGCAAGATCTTC
GCGGTTTTGATCTTCGCGGTGCCAGTACTCATCGTTTTATTAAACGTTCTCCTT

>naRXN01069-downstream
TAACCTCGATCCACCGATGTGCC

>naRXN01071-upstream
CACCTGAATTGGCTGAGGGAGAGGCACCGACTGGCACCGAAGAGGTGCTTGCCTCGAAGG
CGGGCGCTGAGGCGAATGGCCTGGAGTAGGGGACCAGATC

>naRXN01071
TTGGTTCGTGGACTCCAGTGGCCGCTACAACGTCACCATCACAGGCCTGACCACCACTGAG
ACGGATTTCGGCCACCGCGCTGAACCTGCAGATGTCGGAAGCTGGCTACCTGGAGCGTTAC
ACCGACGGGGCTACCGTCCCCAGCGTCATGCTGTCGGCTGCAGATGGCACCAACGCCTCAA
GAGCTTGTTCGACGCCCTCGCTGCCGAACCTGGATCGAACTTTGATGTAGAAACCGGCGAA
GCGCTAGTCTGACGAGGCTACAGGAATGATCAGCAGGCCTTGAGCTTCGTGCAGTACTTC
CTCGTTGCCTTCGGTCTCATTGCACTGCTGGTTGGTACCTTCATCATCGCGAATACCTTC
TCCATGATTGTGGCTCAGCGCATGCGTGAGTTCGCTCTCCTGCGAGCCCTGGGTGCGGCG
CCAGGACAGATCACTCGCTCTGTGGTGTGGAAGCAACCATCGTTGGCCTCTTCGGCTCT
GCTCTTGGTGTGCTGGGTGGTATGGGCCTCGTAGCGATCATTTTCAGCTGTCCTCAATAAC
CTGGGCATGCCGATGGGATCCAGCGTTGGCTTGACTCCTTCTGCAGTGGTTACCGCGCTC
GTATTGGGCACCGTTGTCAACATTGTGAGCGCGTGGGCTCCGGCTCGTTCGTGCAGGTGAG
GTTAAGCCTGTTGAAGCGATGCGCAACATGGAAACCAACCACTATGCGTTCCATGATGGGG
CGCACGATACCGGTGGCATCGTTCTAGCACTCGGCATCATCTTTCGATTGCCGGTGGC
ATGATGACTGATTCTTCCACCGCTACCTGCTTCCATCCTGGTGGGCATTGGTGCACTGTTT
GTCATCGTGGGTACGTTCTCTCTCACCAGCGCTCTCCATGCCTGTGGTGGGTGGCCTG
GGCAAGGTTATCGGTGCACCGTTTGGCAGCGTTGGAAGCCTTGCTGCGACCAACTCCAAG
CGAAACCTTCGCCGTACCGCAACTACAGCGTTTCGCACTGACGTTGGGCATTGCCTTAGTG
ACTGCAATTGGCATGCTTTCTGCAACCATGAAGGACGAGTCTCCGACATGATGGCGGAG
CAGTACACCGCAGATTACATCCTGCAGGGACCAACCAACGTTCCATACCATGCCGAAG
GAATCTGTCAATGATGTTTCGCGATGCTGAGGGCGTTGCCGATGTCTGTGCTCGTTTCCATG
AACTCTGCCTCGGTGAACGGTCAGGCTTCATACAGCCAGCTGGGCCAGTCTGTAACCTTT
GTCGCTGACGGCGACCTGAGCAAGGTATCAGCACAGAAAGCATTGATGGCTCCCTCGAC
TTGAGCAACCCAGGTTTGTGACTAACAGACGTTTGGCTGATGAAAACGGCTGGGCAGTA
GGCGATACTCTGCAGCTTGAATCAATGGGGCAGACCATCGGCGATATCGAGTTGATCGGT
ACCTTCACCGGAAACGACGCCATCGGAAATATGATCATCTCCGAAAGTTCTTGGCTGAT
ACACCAGCGGCAGACACTGCTGTTCTCAGATGATGCTGGTGGTAGGCGAAGAAGGCTTT
GATAAGGAACAACCTGCGCACCAACTTGAAGACGAGTTCGCTGATTACATTGTCTCTCT
GTGAAATCAGCAACCGAGTTTCGCTGGTGAAACGTTGCGATGATCGACACCATGATGAAC
ATTCTGTACGCGCTGCTTGGCTCTGTCTGTCTGTTGTTGCCATCATCGGCATCATCAACACC
CTGGCACTGAATGTGATCGAGCGTCGCCAGGAGATCGGTATGCTCCGCGCAGTTGGCGTG
AAGCGCGGACAGGTCCGCAACCATGATCACCTTAGAATCTGTTTCAGATCGCCATCTACGGT
GCTGTGATTGGTATCGCGATTGGTCTTGGTCTGGGCTGGGCCTTTGTGACAGTGATGTCA
GGCGAAGGACTAGACGCTGCGGTTAGTATCCCGTGGGGTCAGGTTCGACTGATGCTTGT
GGTTCGCTGTAGTCGGTGTATCGCCGCGCTGTGGCCGGCAGTCAAGGCATCTAGGACA
CCACCTTTGGATGCGATTACCGAC

>naRXN01071-downstream
TAGTTTTAGCGGCAGTTGAATCA

>naRXN01075-upstream
GCGGTGCGTGTTCAATTAGCAGGTCAAGCGCGTAATTGAGGGCTAGACTGGTTAGTACCGG
ATATTCTTTTTTTCTTTAGTTTGTGGGAGTGGAGATAACT

>naRXN01075

ATGGACAATCCAGTCAACATCCTCAATGAGCAGGAAGCTTTGGAGCGCCTGCAGTCGGTG
TCTCTTGGTCGCGTGGTGGTTCGTCGCAGCGATGAGATGGACATTTTCCCGGTGAAC TTC
ATTGTGGATAAGGGCGCAATTTACATTCGTACAGCTGAGGGCAACAAGTTGTT CAGCATG
AATCTCAACCACGATGTGCTCTTTGAAGCCGATGAGGTCAAGGACGGAAAGGCCTGGTCC
GTGGTGGTTCGTGCGACCGCAGAGATTGTGCGCAAGETGGATGAGATCGCTACTGEEGAC
ACTTTGGAGTTGAAGCCTTGGATTCCAACCTGAAGTCCAAC TTTGCCCGTATTGTTCCG
AATGAAATCACTGGGCGGGAGTTCACCCTCGGCGAGGAGCCTGAGCGCTAC

>naRXN01075-downstream

TAGCTTTGCCACATTTCACTAAA

>naRXN01085

CGAAAGCGTGGTGAAGGACTTGATCCCAACTCACCAGAAGCTATTGAGCAGGCGAAGAAG
AAAGGGGAACGGAAGGCTCGTAATGAGCGTTGCCGCAAAAAC TTCAAAGGTGGTGGCACC
AAAGATCTTAAGCAGACTGATCGGACCTTTGATCAGCTGCGAAAACAGCGGGTGACGGAT
AAAGCCCGCAACCGTGACGTACACAATGAGCAGCAACTGGCACGCGGTGAAATCGGAGAA
ATGCGCTCACCAGTGTGGGTTGAGGTGGGTGCTGCGATTCTGGGCGTGTGTCTTGCTGTT
GTGATGTGGTGGCCTGGGGCGGTATCGGGCTGCTGATCCAGACCATGATGAATACTGGC
TCACCTAATGACAAAGAGCTTTTTTGATGAGCTTGGTGTGAGACCTATTATGTTGCTGTC
GAACAGCAAATCGGCACCAGTAGTGCTCACACCACGTGCTACCAACCGCTTGATGAATTT
GGCAATAATTTTGGGCACTGTACGCGTAGCGTGCTAAAGAGCCAGTGTGTTACGCCGAT
TATGTAGCTAGTGTGTCGAGAACATGGCTTTGATGCACCAGAACCTATTGATAATTCG
GTGGGTAGCTGCTGTTATTTGGTCATGTGGGCATTATTCGGGTGACGTTTGTGATTGCG
GTTGCAGCGGGTGTGTATGCGATGTACGCGCAATGATGCGTCAGCTAGAAACACAA
AACGTGCTGTGGACACCACCGATATTAACCAGCACACCAATGACGCACGTTTGGCGATT
CCGCAGGAGATTGTGCGCGATTGTAGTCTGTTCCCCGATGTGCGTGCACACTTCACCAGT
CCAGCCCTCAAGCATGATTTCCCATGTGATGCTGTCGAA

>naRXN01085-downstream

TAAGGGCTTTGAAAAAGGTGGAT

>naRXN01121-upstream

AAAGATTTACTGCGTACAACCTCTAACCAACAATATTGGCAATGGGTGTTCCATCTTAGC
GCTTTACCTGTGAACCTCTGCAGAGCGGTACGCTTAAGCTA

>naRXN01121

ATGAATCCCGAATTTATTACGGCGCAACCGAAATTGAAACCACAAACAGGGGCCTTCGC
CCGCATCGACTCAGCAAAGAAATAGTAGAACGCTACTGTGATCCCCAGTTTAGCGCGATG
GAACGCCAACCATCGGGCGTGCGGTTGTGTGTCGCACCACGCCACCTCCGTCACGCTG
ACCACGTATTCCACGCGGGTGGTGACCTCGATTCCGGCCGCGCGGCAAGATTGAT
GTGCTTATCGACGGCGCCCCACATCTCCACGCCAACTTCCGGGGGCGAGACCACGGAA
GTCAATTTTCATCACCGCGCCACGGAACGGCGCCTGAAAGATCCGCAGGTGCTCACAGTG
GATGGACTTTT CAGAGCAGGAAAAGGTGGTGGAGTTCTGGCTGCCTCACAATGAAGAAATT
GAAGTGATCTCCCTTAAAGCCAACGCAGCTTTAAACACTGTGCAAGACACCCGTCCCGTG
TGGATCAATTACGGCAGCTCCATTAGCCACGGTTCCGGTTGCCACTGCCCCAACCAAAATT
TGGCCAGCCATTGTTGCCCAGTCCAAAACTACAACCTGCGTAACCTCGGTTTTGGTGGC
AGCGCCATGTTGGATCCTTTTATGGCGAGGCTAATCAGGGATACTCCAGCTGATCTGATC
ACCTTGGAAATTGGCATCAATATTGTCAATGGTGATGTGATGCGTCGCCGCGGACTAGAG
GCTGCTGTGGATGGGTTTCATCAATACCATCCGCGATGGCCACCCACCACGCGGATCAAG
ATTGTGTCGCCGTTCTACTGCCCCATTTCATGAGAAAAC TCCAGGACCCGCGCGTTTGAT
ACCTCATCGTTTGGCAGTGGTCAGATTAGGTTTCATCGCCACTGGTGAACCTGATGAGCAT
GGTCGACTGACGCTGGAGATGGTGCGTGAGGTGTTGGAGGGGTTTCGTCGAAAAGCAAAAA
GACCCGCACCTGACCTACGTGCGATGGTGCGAGCCTTTATCAGGCCAGCGATGCGCCGTTG
CTGGATAATTTGACCCAGACGAGGCGTCGCACGCCCTTAATTGCGCAGCGTTTGCTTAAG
CAACTT

>naRXN01121-downstream

TGAAATCGGCTTCGGTGATTTCG

>naRXN01128-upstream

ATTTCGAGTACAAATAAATTTGAGAACAAAAAGATGGGGGGAAATATGTTAAAGTGC GTTA
TATTGCTTTAGCGAAAGTAACTTCCATGCATCAACGTTTCG

>naRXN01128

ATGAGCTTCACCTTTCATTEGGTACTTTTTTCGTACTTTTTGGCATCACGTTGTTAGTGTCA
TGCGTTCCAGAGCCTCCTGACTCCTACACTAAAGAATCCACTGTGCTGCGGTATCAGGTC
TCTGATTTCAATCTAAACTTCGTGGAATTAGCAGTTGCGCTTGGGTATTTGAACAACATT
GAGCTCCAAGTAGTCGGATCTGTACAAGGCGGCGTTGAGTCCATTGAATCGCTCAAAAAG
GATGACATTGACTTCGCGGCAGTCCCCTTCATTGGCCTTGTTGCAGGAGAGATAGCCACC
GGTGCGCCCATCAAAGCAGTGGCCGCAAGTTACGGAATTTCCACGATTCTTCTTCTGCA
CTTCTAGTCCTTAAAGACAGTGAGATACACGAAGTGCACGATCTCATTTGGCAAAACAGTT
GGCATAAACACCCTCGGTGCTCTGGGATCTGCGATGGTTGAGCGTCATCTATTCGACGCC
GGTCTCACCGAACCTGAGATCGTGAGCGTCACTCAACGTGCATTACCCGGTGAGTACTTA
GAACAACGCCCTCTACCAGGGGCAAGTTGATGCAATTTGGGTACCGATAGCGCTAAACAC
CAAGCGCTTGAACTGGAGATTTTCGGATCTTGGCAGAGGATTACAGACCTTGTGCAGGAA
CTCAACACTGGCTGCATGGTGGTGTGCAAAAACCTCATCGACGAGCACCCCGCAGTGGTT
GGAGAATTAGTGGATGGAGTAGCTCAGGCAATCGAGTTTGAACGATCCCACTCCCCTGAA
GAAGTGC CGAAGTTTATTTCAACTACCTCGAAGCCCATGGTCAGAGTGATAGAATATCC
AGCTTTAGATATTGGGAGCATTTCGGGCATCGCAACCCGAGGTGGAGTGCTCAGTGATAGG
GAGTTCAGCATGTGGTCCCCTGATTGACCGCCAATACGACGTCCCCGATATCAATCCA
GCAAGTATTTACACCAACCAATTCAACCCATACCGAAAAGTAAACCCCTCGCCA

>naRXN01128-downstream

TAAAAGGCAAGGGGGTCGGCGTT

>naRXN01134-upstream

GATATCTTGAACCTGACGCTGGCTGAATACATTCTGCTGCCGATGAAATGATCAAGGGC
TTCGACGAGGCGGTGAATTCCTGCGTCAGCGATGCATTT

>naRXN01134

TTGAGTCTCGACCAGGTTCCATACACCGCGCAGATTGTTCCACTGGCCGTGATCCTCACC
CTGCTTGATGCAGAAGAAATGGCCACCGCACGTTTCATGGGATCGTTTGAATCAGTGGTTC
TGGAGCGGTGTCTTGGGTGAGCTTTATGGCTCGCCTGCTGTGATCGCACGTTCCGGTCGC
GATACCGATCAAGTTGCTGCGTGATTCTGTGAAGGTGCCGGCGAAACTGCGGTTGTGCCA
AAGACTATTTCGCGATACCGTTTTCCACGAATCACGTCCTCTCAGTGCAACCCAAGACACC
GGAGTGTGGAAGGTATCTTTCGCACTGCTCATGGGCAGGGGAGCACGCGACTGGCGCACC
GGACAGCAGTTTGATCGCTGGACTTTTGATGAGCTGGGTGCAATTTCCACCAGATTTTC
CCCACCAAATGGTGCAAGGAACGCGGCATCGATCCTGTCTTACGGAATCAGTACTGAAC
CGCACCCCGATGGGTGCGCGTACCGAAGTAGTCATCGGCGATACCCCTCCATCCCGCTAC
CTGTCTCGTGTCAATCCAAGTCGCTCATGGGTGATGAGGAATTCGATCAGATGCTGGAT
ACCCACCTGCTCAGCGCGGAAGACCTGCACAGTTCCAACACCACGCACTTCTTTGCTTCT
CGACGCACCAACTTCATCGACATGGTCGAGGATGCCATCGGTAAAGCGGTGATCAGGGAC
GTCAACGAGTCAGATCTCACCGGTGGACACGATGGTCCCTCGGTACACGGG

>naRXN01140-upstream

TATCCAACCTCCCGATTTTCAACGGGATTACGCTTGGGATGTTGATCGCATCCGAAGCCT
TATAACCACTGTTCTTCGTGGTTTTCCAGTAGGTGTGCTG

>naRXN01140

ATGGCACTAGACACCCGCGCGAGGAAATGCGTTTCCGGCCACGCGCGCTGTCCGGCGCC
CCAGATACGGGCAAGGATCCAGGTCTTTTGCTTCTCGACGGACAACAGCGCCTCACCACC
CTTTATCATTTGCTTCAGTGGCGATGGCTATGTAAATACGGTGGACTTCCGATCAAAGAAA
GTGACCCGGAAGTTTATATTGATGTTGCTAAGGCTGTTGAATCTCCGGTCATGTCCGAT
GAGGCTATTTTTTCAGTCGACGAAACCGGCAAAATCATCTCCCACTTCGGTCCAGTGATC
GACGGCGGCATCACCGATTTAGAAACAGCACTTGCTCATGGTTGCCTTCCAGTTTCTGTG
CTGCTGGATGATAACGGCACTGATTTCTCTTTGACCTCGCCGATATGGCAGGAGAAGGC
GCTCGCGAACACGCGAAGCGCTTCCAATCACAAATCGTTAAGACCTTAGTTAGTTACGAC
ATCCCAATGATCCGACTGGATCGTGAAACCGCCAAGGGTGAATTGGTTCCATCTTTGCT

CAGGCCAATAGCTCTGGCTTGCAGATGGATGTCTTTGATTTGCTCACCGCGGTGTTTCGCA
GCCGATGAATCGGTGAGACCGAATTCTCACTGCGTGATGACTGGGTGCGGGTTGAACGA
AACCTTCGCCAACACTCCGCACTTGATGGCATCGGCAGCACGGAGTTCTCACCGCAGTA
GCCCTGTTGGTCAGTGCCCGCAAGGGACATGCGTCTGGTTACCGTGAAGATATCTTGAAC
TTGACGCTGGCTGAATACATTCTTGCTGCCGATGAAATGATCAAGGGCTTCGACGAGGCG
GCTGAATTCTTGCCTGCGTCAGCGATGCATTTTGTAGTCTCGACCGAGTTCCATACACCGCGCA
GATTGTTCCACTGGCCGTGATCCTCACCTGCT

>naRXN01140-downstream
TGATGCAGAAGAAATGGCCACCG

>naRXN01148-upstream
ATAGAACAAGGGTAGCCAAATTCTTGAAACAGCGGGGCCCCGAATCCACAATGCGAA
TCCACAATGTCACCTGAAGCCGTTAAAGTAGGTGATCATT

>naRXN01148
ATGACCAGCCCAGTTGAAAACGTTAAGAAAAAGCCACGCCCATTGGCGCTGTCACCGTCG
CGCGCCGGGATTACCAGCAGTGTCCCCTGTTGTATCGCTTCCGCGCGATTGATCGCCTG
CCAGAGCCTAAGACCGTCGCCCAGGTCAAAGGCACGTTGGTGCACGCTGTGTGGAATAT
ATGCACAAGTTGCCGCGTGAAGAACGCGAATATCCAGCCATGGTGAAGCAACTCAAGCCC
ACCTGGGCGCAGATGTGTGAAGAAGACGCAGAGCTCAAAGAGCTTGTCCAGAAGATGAG
CTTTATGATTTCTCGTGGATTCCCGCACCTGCTGCGTGGCTACTTTGAAATGAAAAAT
CCTCAAGGTTTCGACGCCACCGAATGCGAAATGTACGTGGACACTGTGCTGCCAACGGC
GTTCTGTTTCGTTGGTTTATCGACCGTGTGGATACCGCCCCACGGCCAAGTCCGAGTTA
TCGACTACAAGACTGGCAAGAAACCAAGCCGCGAGTGGAGCCAGCAAGCGCAGTTCCAGA
TGCTGTTCTATGCACGTGGTCTACTGGCGCATGTTCAATGAAATCCCAGCTCAGCTTCGTT

>naRXN01148-downstream
TAATGTACCTCAAAGTCAACGAT

>naRXN01153
CCGTTTTTAAGCCCGATCGTTACTTCCACGCACGCGGTGGTGGCGTATTCCACCGCGCGT
GGATTTGGTGAGCACCGGGTGCGTTGGGACTATGCGCAAGAGTCCCCACTGCGCGATACT
CGTGGCTTTGATCTGCGCCGATACCACCAGGCCCCCTGTGGTGGATCCGCACGCCATTGGT
GTGGCCAACGTGTTTGTGCCCAATGGTGCCAGGTTTATGTGATCACGCGCACCCGGAA
TACTCCTCCCCAGAGGTACCAATGCGTGGGATGCCATGGTTTACGACGCGCTGGTGAC
CACATCCTTATGCAGGCCGTCTCTGATGTTGCGAGTTTACCAGCCAGAATAGGTCTGTG
TTGGACGGCCATGATCCGTGTCCAGCTTTGAAAACTACAAAAACAATGTCGACGGTAAG
GGTGCTAGCTACGGGTTCCACGAGAATTACCTTACTCACGTGAGACGGATTTTGATGTG
CTGGCTCAGGCATTGATCCCATTTTTTGTGTGCCGCGAGGTATCATCGGTGCCGGACGT
GTG

>naRXN01154-upstream
CCGGGAATTCCAGGTCAGTCAGCGAGCCTGACTACCA

>naRXN01154
TTGAGCAAGAAAATTTCACTGGAAACCACACTCAACCGCGGCATTATCAACACCCGCGAT
GAACCACACACCGACGCTGATCACTGGGGTTCGCTGCACGTGATCATCGGCGATGCCAAC
ATGTCGCAGACTGCCAATTTCTCAAATTCGGCATGACCTCCCTAGTGCTGGATGCCATT
GAGGCTGGGGTGGATTTCTCTGAAGTCAAGCTGAAGAACGCAGTGAGTGAAGTAGCAAAAG
GTCTCCCATGATCTTTCCCTTACCCACCAGCTGCGATTGGCGGATGGTTTCAGAGCTCACC
GCTATTGATATTCTGCGCCGCTATTTGGACAAGGTGCAGCCGTTTGCAGAAACCCCACTG
GAACAGCGTGTCACTGCGCTGTGGGGTGAAGTGTGGGGCTCCTGGAGAATGATCTGCTC
TCCACCAGCCATCTCCTTGATTGGACTGCAAACTTGCCCTGATCAAGTCTTTTGAGGCG
CGTGGGCTGTCCATTAAAGATCCCAAGATGTACCTCATGACCTGCAGTACAGCGATATT
GATCCACAGAAGAGTCTGTATCACGCACTGGTATCCAAGGGGCGGATGAAAACACTGTGC
AGTGCGCAGGACATTGCAGATGCAGCGGCCACTTCACCG

>naRXN01155-upstream

ACAGCTTGCTGGATGAAATCGACGGACTGTTGGAAAACAACGCCGAGGAATTCGTTTCGTT
CCTATGTACAAAAGGGTGGCGAATAGTCACTGTGAGTACC

>naRXN01155

GTGGAATCCGCATTGACCCGAGGATCATGGGCATTGAAACGGAGTATGGCCTCACCTTT
GTTGATGGTGATTCCAAAAAGCTTCGCCAGATGAGATAGCTCGAAGGATGTTTCGTCCC
ATCGTGGAGAAATATTCAGCTCTAATATCTTCATACCCAATGGTTCCCGGTGTATCTT
GATGTGGGTTCACCCCGAGTACGCCACCGCCGAGTGTGATAATTTGACCCAGCTGATC
AATTTTAAAAAGCTGGCGATGTTATTGCAGATCGCATGGCTGTAGATGCCGAAGAGTCG
CTGGCGAAAGAAGACATTGCTGGGCAGGTGTACCTGTTTAAAAACAATGTCGATTCCGTG
GGCAATTCCTTATGCTGCCACGAAAACCTACCTTGTGGGTGCTCCATGCCGTTGAAGGCG
TTGGGTAAAAGGCTGATGCCGTTTCTGATTACCCGCCAGCTCATCTGCGGCGCCGGCAGG
ATCCATCACCCAATCCTTTGGATAAAGGCGAATCCTTCCCCTTGGGCTACTGCATATCC
CAGCGCTCTGACCAGTGTGGGAGGGCGTATCAAGTGCCACCCTAGATCACGCCCCATT
ATCAACACCCGATGAGGCCACATGCGGATTCCCATTTCTTACCGCAGGCTGCACGTGATT
GTGGGTGATGCCAATGAGGAGGCCAGCATCGCGTTGAAGGTGCGCTCCACGTTGCTG
GTTCTGGAATGATTGAGGCAGATTTTCGTTTGGCCAGCTTAGAGCTTGCCAATGATATT
GCCTCAATTAGGGAATCTCCCGCATGCAACAGGATCCACACTGTTGTCCCTGAAAGAT
GGCACCACCATGACTGCCTTGAGATCCAGCAGGTGGTCTTTGAGCATGCCCTGAAGTGG
TTGGAGCAGCGCCCCGAACCAGAATTTTCTGGCACCTCCAACACAGAGATGGCCCGCGTG
CTGGATCTGTGGGTGCGATGTTGAAAGCGATTGAGTCCGGTGATTTACAGCGAAGTGGAT
ACAGAAATTGACTGGGTGATCAAAAAGAAGCTCATTGATCGTTTCATTACAGCGCGCAAC
CTTGGGTGGATGATCAAAAAGTGGGACTTGACTTATCAGGATATTAGGCCA
GGTAGAGGCCTATTAGCGTGCTGCAAGCCGCGCATGATCAACGGTGGACTACTGAT
GAGGCGATTTTAGCTGCGGTGGATACCGCTCCTGATACAACACGTGCTCATTTGCGCGGG
CGAATCCTTAAAGCGCGGATACTCTGGGAGTACCTGTGACTGTGCGATTGGATGCGTCAC
AAGGTCAACCGACCGGAGCCACAATCGGTGGAATTGGGGGATCCTTTTTCCCTTTTAAAT
CCTCAACAACCGCCCAAGAACTGCTTTGAGCATCTTCTCCTAGGCGGAACCTCTTAC
ATTGCCGGTGAGATTGCCACGTTGACGTTT

>naRXN01167-upstream

GTGTCGTTTTATTGACACTAGCAGGTAACTGTGTGAGACGAATTCTTTTGCGGCAAC
TTGGAGCCGCATTCTAGTAGGCAAAGGACTGATACCTAG

>naRXN01167

ATGGCAGATCGCGTTCTTCGTGGCAGCCGCATGGGCGCCGTGAGCTATGAGACGGATAGG
GACCACGATCTGGCTCCTCGCCAGCTCGTGAAGTACAAGACCGCAGACGGGGAAATCTAT
GAGGTTCCCTTCGCTGATGATGCGGAAATCCCCGAGGAGTGGATGTGCAAGAACGGTAAG
CTAGGCATCCTCATGGAAGGTGAGGGAGTCGAGTCCAAGCCGGTCAAGCCTCCACGTACT
CACTGGGATATGTTGCGTGAGCGTCGCTCAATTGAAGAGCTGGATGTGCTGCTGGAAGAG
CGCATCGAGGCACTTCGTAAGCGTCGTCGCAATGCAGCGAACTGCTGAAGGCTCAGCAA
GAGGCTGAAGAAGCAGAAAAGGCAGCTGAAGAGGTT

>naRXN01167-downstream

TAATCTTCCTGCCTAAGTTAGAA

>naRXN01169-upstream

TCTTGATCGGAATCGGCGCAAACATCGTCTACGAACACCTCAGCGCGTAACCTCGGCGC
ATTATCCTCAGACAGCTTTTAGCGCAAACAAGGAGCATCA

>naRXN01169

TTGAAACGGGTGCTTGAAGCGTGGGATAGATTTCAAATCCCCTGTATATCACGGCTCTT
ATCGCCGGAGCACTGGTGGGTTTGCAGTGGCCAGGCTCTACAGGGGGTTTCGAAAGCGCC
ATTAACCCAGCGTTAATGGCGCTGCTTTATGCCACTTTTCTCGGTATTCCGATCACTCGG
ATTGGTGCAGCGCTGAAAGATCTGAGATTTCTCATAGTGTCTATGTCCGTCAATTTTGT
GCAGTGCTCTGGTGGCTTTTGCCTTGGAGCAGATTCAATGCGGGTGATGAGGCGCTTCTA
ATCGGATTTTTACTGGTGATTCTCGCGCCGTGCATTGATTACGTCAATGTCTTTGCTGGT
TTGGCCAGGGCCGCCAAGACAAGCTCCTTGGCGCCAGCCCAATATTAATGCTTGCCAA
ATCCTGCTGATCCCCGTCTTCTGGCTGTTTTTGTGGGTTGAGATGCCCTTGGCTCAATC
TCTTTCCGCCCATTTGTAGAAGCATTTTTCTCCTGATTCTCATTCCACTTGTGCTGCT

GC GGGA ACTCAGCAAGTGGCAAGAAAGTGGCAGGTAGGACGTACAATTATGGCTGCTGCA
GAAGCAATCATGGTGCCTTTAATGATGCTGACGTTGTTTCGCTGTCATCGCATCGCAAGTG
GAAGCTGTGAGTGGTCAATTACCGATATCGCCACAGTAGTGCCACTATATGTCGCCTTT
TTGATGGTGATGATTCCAATTGGTGGCGGGATATCCAAACTCGGTGGCTTAGGTTTCAA
GAGCAACGAGCCATCGTTTTAGCGGAGCAACCGTAACCTTTTGGTCGTTTACCTTTA
GCGTTAGCACTTCCCGCAGGCCTGGAAATAGCGGCCGTCGTAGTTGTCACCTCAAACCTC
GTGGA ACTGATTGGCATGGTTGTCTAEGTGGGATCATECCETTTAATTTTCCATGAAAAG
CAGACATACAGGAACTTTTCAGGCATAGGGGAGTCA

>naRXN01169-downstream
TGAAACAGAACGCAAGCTAAGG

>naRXN01173-upstream
AGATCTGTTTCTATGTATTAAAGATCACACCGAGTGGTGGAATTTCTCAAGTGATTTAC
CCACAATGGACTTTGTTGATACCCAATTCGAGAAAGGCCA

>naRXN01173
ATGCACGTGAGCACTCTTCCAAACAAGAACTGCGTACTCGCATTTTCGCAGGCACCGCT
GCCGTGCGACTGTCACTTGGTGTGCGTCTTGCTCAAACGCAGAAGATGCTGTGGATAGC
GCAACAGATGCTGCCAACTCTGCAACCTCCGCCGCGGGATCTGCAATTAACGATGCCACC
GGCACTTCCAGCGCATCCACCACAGAGCCTTCCGGAACCTCTGGATCCGACTCCGGGTCT
GACTCTGCTGGAGGAGACACCACTGAAGTAGAAAGCGCCGATGGGTCCACCATCAGCATC
CCAATGCCGTCGTCACCGCTGCAAATGCTGCAGGATTCAGTACCCCGAATCCGTGGAA
GAAGGCCCGAATGGTGAGTCATTGGTGACGTTCCCTGAAGGCTACATTGTTAACTCTGCA
GAAGGTGGTGCAACAAGCACTGGTTCGGCATGATCGGTGAAACCTGGATCGGCGAAGGCGGA
CTATCCGCGGCAGTGGGTCTCCCAACTGGGCCCTGAAGAAGCAACAACAAATGGTTGGACT
CAACAGTTCACATCTGGAGTAATTAGCTGGCTTGATGATGGATCAGGACAGTTCGCAGCT
TCTGTTGAACCTGCT

>naRXN01173-downstream
TAAGGGAATCTCACCTGGCCTCC

>naRXN01174-upstream
ATATCGCAACCGCTGTTAATGAAGAGGAAGAGGCTCGCGATATCGCGAAGCTGTGCCAGG
AGATGGTGGAATTAGCTCGGAATATTGAGAAGTTGAGGTA

>naRXN01174
ATGAGCAACATGCAGGGAAACGATTCCAAGAAATCTAGCGGCGCGAGTCGTGCGGAGAGC
CCACTGATCAAGTTCCGGACATTGATTATCGTCATCTTTGTATCTTGATCGTTGGTTTG
GCATCTATTGCAGTGGGACCTGTCTGTACCACTCATCATGGGACCTGGTGTGAAAACC
GAAGGAATCCAGGCTGATGGCGCAGCACCTGCGTCCACCGACATGAACGGCACCTGGGAT
GTTGCCCCAGGGAGTATTCCAAACACCACCTCAGCTGGATTACCTTCGCTGAGATCCTG
CCAGGCGAAGAAAAGATCACCTCCGGCTCAACCACTGGTGTCACTGGCGAAGTGGTCATC
GAGGATAACTCCCTGATCTCTGGTCTGATTACCGTCAACATGACTCACATCACCACCGAT
CAGGAAAAGCGCGACATCAACGTGCGCACTAAGCTCTTCCACACCGATCAGTACCCAGAA
GCAACCTTTGAGGTTACCGATTCCGTTGATCTTTCTGCGCTCCCAGACACCGGATCCATT
GCTCAGGTTGTATCCCAGGCGAGTTGACCATCCACGGTGAAACCAAGGCTGTGGAGCCT
ACCTTTGATGTACTTCGTACTGGTGACCAAGTTATCGTGGCTTCCGATATCGAAATCAAC
CGCCTCGACTTCGGTGTAAGAACCCAGAGTTCATCGCCGCAAAGATCAATGAGACCGGC
GAGATCAACGTCCGAATCGTATTGGAGAAA

>naRXN01174-downstream
TAAACCATGATGGCATCACGGAT

>naRXN01206-upstream
CCGTGCCAGTGATGAAAAGCCGGCGAGCCGCCAACTTGATTAAGTGATTGTCACTTTGG
ATTGTATATTGGGCGAATAAACCGGTAGGATTCCCCTTC

>naRXN01206

GTGAGCGCCGAAAATACCGAGAACACAGATTCCCCATTTGAAATCTCCGAGTTTGATGAT
CACCGACGCCCCCTCCAGCGGGCCCTCAAATTCGGTTCCATCGCCCTAATTGTCTTCACC
CTGATCTCCCTAGCGATCTGGGGTGCAACTCGTGGCGTACCGGGCGTATCAGCAGTTGTT
ATCGGCGCAGCAGTTGGCGCAGGCTTTGTCTCTTAACGGCTCTCAGCGTCCTGTTTACA
ACTAATTCCAACGTCAACCACCACCGGTGCGGTGGTGCTCGGTGGCTGGCTGCTGAAGATC

>naRXN01210-upstream

TTCGCTGCAAAACCCGCCACCTTGAATCCGTATTCATGGACATCGCCTCACTCGAGAAC
ACCTCGCTGCAAAACCGCCTAGAATCTTTAAGGAGACCACA

>naRXN01210

ATGACCACGTACACACCCGCCGCGGGCTGCAACATGCAACCCCGGAGCGCCGCAAGACT
TCATTTTTCAAAACCTCTCTGTTTAAGGCCGAATGGCTCCAGTTCCGCAGAAATAAAACC
CTGTTGTTTCATGGCCACCGTATTCAGTTCGGAATCCCTTTGTTGCTCTTCTCATCGGA
AATGGTGGGGCAGCAGAGTCCGCGAACTCCTTCGACTACTTCGTCATGTACACCCTGCTA
TTTGTGCAGTTCTACACGGTGCTGTCCATGGCAACCACCGCCGTGATGAACGTGTGCTG
AAAAGGCTGCGCACGGGAGAAGCCCGCGACATCGATATCATCGGTGCCATCTGTTTCCCC
GGCGCGCTCCTCACACTGATCTTCACCGTGGTGATCATTCCATTGCTCATGGTTTTGGGA
GCTCCCGCGCCCATCAACCTTGTGCCATTGTGTTTGCCGTAAGTATCGGACTACTTCTT
TGTAAGTCTTTCCTTGATGACCAGCGGTTTCAACCGAAACGCCGAAGCCGCACAGATG
ACCTCCATGCCCGTGTTCATGCTTGCATGGGTGGACTTGGATCAATCCGCTTCGTATTC
GGCGACAGCATTTGGCTGATATCTTGGCTACACCCATTGCGCGCATCAGTGACCTT
GTCCAAATCGGCTGGGCTGGCGCACCTTCGCGGACAGCGTTGGTGGAGTAGAGGCAGCA
AATTTCGCTGGAATTTTCCAAGACATGCTCATACCACTTGAATTCTGGCAGCGTGGACA
GCTGCAGCGGTGTGGGCGGCGAACCGCTACATGCGCTGGGACTCGTACCGC

>naRXN01210-downstream

TAAGCCTGCAGCCGACGGGATTA

>naRXN01229-upstream

TAGCCCCGAAAGACGGCGAGGGTTGGCTCTGCTTCGTTGTGGGAAACTAGGCCCTTAAT
AAGCTGTGCTTATAGGGTCTCCTGCACCGATAAAGGACTG

>naRXN01229

ATGATCATCTCCACTAACACCGCTCACCCCTGCACGAACCGCACGTACCCAGCCACCAC
AATCGTATGAATACTCTGCGTGCCGGTGTGCTGGGTGCTAATGACGGTATCGTCTCCATT
GCTGCGCTACTGCTCGGTGTGATCGCCACCGGCCAGTGACACCGTCGTGTTTCGGCGCT
GGTTTGGCTCAACGATCGCGGGGGCGGTATCTATGGCTCTCGGTGAGTACGTCTCTGTCT
TCCTCACAGCGTGATACCGAACGGGTGCTCATCGCAAAAGAAGCGAAGGAGCTGGCCGAA
GACCCGACGGCCGAGCACGTGCGAGTGTGCGAGATCCTACACTCCTACGGCATCTMCMMT
GWGAMTSMRRASSMSGCSRMMAYCGRGAWMGGMASGGCGACGCCTTGGGCGCCACCTT
CAGCTCGAGCTCGGTATTGATAATGAGCAACTGACCAGCCCTTGGCCGCCGCTTCTCC
TCGGCCGTGGCTTTCCTGCTCGGAGCACTGCTGCCGATGGTGTGTYGGTATTCMTYGCCCY
KCAGGCTGGGACCGCGCGTKGKCTTCGTAGTCACGSTGCTGGTCTGCGCGKKACCGGG
TTCATCTCARCCCMGRTCYCGGGTACCTYCCCMATGCGCGSGTGCSGSGSCTTKGKGRT
GGKGGTKCCCTCSGSCYGGCCCTGACCMTACCGTCTTGGAAWCWATTSKKS GSSGCMGYW
KTMKGWSYKCSKSRRRAMARARRRGRRKRMKGSKKKTCTKTGTGGYKGSKSGKYKTCT
CGWCGMCKSSWSRAMGWRRTSRKCGSCGMSWCCTYSYWGMM SAYCMKSSGSSKSCWKGR
WSSRCYGCYSCSSMGGSKSKCSMSWKWTRKKSYSKSSWSWMTWCKYKTTTYCYCSG
SMRGKWAMCMMMYYKSKSYWWRRRWTKTTTTYKRRRARRMSRMYWMC SRKWRGGCCA
CCACTGTCAGGCGAGATTCTGCTTGCTGGCCTCGGCGGTGAGATAGGCATGGGGGAACCG
AGGATCCCAGTGACTACTGGTGACCTGGAAACCGCGGTCTCCAGTGCCTGGGCAAGCTC
GGGCAGTGGCCACCGGTAGGCGGTGGCCACGGGATGATACATCGGTTCCAGAGAAGGCCC
GGAGAAAAGGACATCAGCAGGCCACCACCATCTCCACCGCCATCCGCAGTGCGACCAG
GGCGTCGGGCAGCTCGCCCGGGGCCATGTGGATCAGGGAGTACCAGGCCAACAGGCCTGC
CCAGCGCTTCGGCGAGTC

>naRXN01229-downstream

TGAGAGGTTCGGTAATAGTGCCGT

>naRXN01231-upstream

TCCTGGGACGTCTCCCCGAGGCGTGGGAGACATTGAAGGTTTACCTGGGCTTTCGTGCC
CCAGGCATCGAGCACTTCACCCCCCTATGACGCCTTGCAA

>naRXN01231

ATGCTGGGCTACACCTTCGTATCTTTATCCTGGCGCCGTTTCTCATCCTCACCGGAATA
GCGATGGCCCCGCCATCCGGTCCCGCTTCCCGTGGTACGTCAAACCTCTTCGGCGGCCAC
CAGGGTGCACGTTCCCTGCACTTCATCGCCATGGTGTGATGACGGGCTTTGTCATCATG
CACGTCGGCCTGGTTTTTTGGTCCATGGCGACTACAACATGGTCCACATGGTCTTCGGCG
ATA

>naRXN01231-downstream

TGAACACTGACCGTGCGGCGCAG

>naRXN01246-upstream

GGGAAGGAGGAGAAGGCTGCTGTGAGCTCTGCAGCCCCCGTCCGCTGACTTCAATGCTT
CATGGACTCCCCGATACACAACCTCCGAAAGGAACCCCC

>naRXN01246

ATGAAGCGCACTATCACCATCGCCGCTCTCGCCTTGACCTCCACCCTGGTTTTGTCCGCC
TGCGCAGATAACACTGAGGGAGAAAACACCGACACCACGACCATCGCCACTACGTCCGCC
CCCGACACCACCGAAACGACCGGGGCCACCACGGATCCTGAGACAGAGACGGGGCGGCC
GGAGAGGTCTCCGCCGAGCACAATGATGCGGACATCATGTTGCGCGAGATGATGATCCCG
CATCACCAACAGGCCGTGGAGATGAGTGAAATCCTCCTGGCCAAGGACGATATCCCGGCC
GAGGTCATCGAGTTACCCAGGGTGTTCATCGATGCCAGGGCCCGGAGATCGACCGGATG
AATACCATGCTCGAGACCTGGGAAGAAGATCCGGTCACCGGTGATATGGGTGAGATGGAC
CATGGCGGGATGAGTGGAATGATGAGCGAGGAGGACATGACAGCCCTCGAGGACGCCAG
GGCACCCGAGGCTGCCCCGGCTCTACCT

>naRXN01246-downstream

TGAGCAGATGACCGCCCACCATG

>naRXN01249

TCTCAGATTGTGGCGGTGTCTTCTCACGGTCTTACCACGATCCAGGAGATTGACGTGAAA
CGAGCAGCGATCGCAGCCGCCGCCCTTACCCTCGCCCTCACGGGGTGTTCGGCCGCCGAC
CCGGAACCCACCGCCGACGGGACGGTGTCCAGGATACATTCTGACTACCCATGGCCTG
GCCGCCATGGACGCGGTGGAGATCATTGATCACCTCGACCGGCAGAAGGTCACTGAGCGT
CCCACGGATCTGATCGCCTCAGTGCGTGCCGATGAACTGCTGCTCTCGAGCGATGACCAG
GAAGTCGTGGTTCATCTTCCCGACAATCAGACGTATGTCTCGATCGACCCCTACCTCAAC
TCCACCCACGACTGCTTCTACCACAGCCTCACGACCTGCCTGGGGGATCTCGACAATGAG
GATATCCATGTCATGATCACCGATGAAGCGACCGGCGAGGTCCTGTTTCGAT

>naRXN01251-upstream

TGTAAGCCGAGAGCGAACCTGCCAAAAGTAAGGGGCGGGTTTCGCGGTGACGTCGGTAGGA
TCGAGCGAAGAAACCAACAACTTCTTAGGAGCCATTCTC

>naRXN01251

ATGACCCAGCCAGATATGTCCAGATCCTCGCCCAAGCTCAGCAGATGCAGGCTCAACTA
CAGGCCGCTCAGCAGGAAATCCTGGCAACCACCGTTGTTCGGAAATGCAGGAAACGGGCTG
GTTACCGTCACTATGGCCGGCAACGGCGAGGTCTCCGCAGTGACCGTTGACCCAAAGGTC
GTTGACCCTGAAGATGTCGAAACCCTACAGGACCTTCTGCTCGGTGCATTCAAGGATGCC
CATAACAAGGTCGAAACGTTGCTGAAGAGAAGATGGGCCCACTATCCCAGGGCATGGGT
GGCCTCTTC

>naRXN01251-downstream

TAATTAGTTGCTAAACGCAGGGC

>naRXN01263-upstream

AGTGGCCTTTGGAGTTATTTTGTATGACGGTATCGGCGACTGCTGGGATCCTCCTCTTTTT
ATCTCCAAATAGAAGCCAAGCTGCGCCACCCCAATTTAGT

>naRXN01263

TTGACCCCGTATGATCCAACCGCTGTAAATAAGGAGTCGGAAAAAGAAGCAGCAAAGAAT
CTGTTTGGCGCTGAGGCGTTGACAGTGGATCCGGATGCCGGTGAGGTTGTTGATCGAGTA
GATAATTTTTATCCGACGACTGCTAAGGCAAAACGAGATTACCCAAGTAACTATGCAGCG
GGTTGTCACCAAGAAGTCAATGAGACTAGTCTGAGTCATGTGTTTATGGTGATAAAAAAT
TCTGATTTTTCTGTAGCACTTGTCTGGTGACTCCCACGCTGGTCATTGGCTTCCTGCCTTG
GAACCAATTGCTGAAGCACAGGGGTGGAGATTGGAAGTTTATACAAAGTCACAGTGTCCA
CTCATAAGCACTGCGATCAAACCTGGTGAACTTTTTATGCAGAATGCTATGAGTGGAAT
GAAAAATTACTTGCTAAGCTAAGCTGGACCTTCTGCACCAATCATGTGATTGTAAGTAGC
CAACGTTACGCTTCTGCAAAATCCGTTAATCGATAGTGTCTGCGACGGGAACCGTTTCCGAA
GGATATGAAATGGCATGGAATTCATTAAAAGATGCAGGTGTTTCTATTTCTGTACTTCTT
GATACTCCTCGGCCGCAAAATTGATATCCCAGAATGTGTAGCATCAAACCGCGATAATCTC
TCAGAATGTTCACTTACCCGAGCGTTGCGCTTGGGACTGAAGCTCATCCTCAGCAAAAA
ACTGCAGCTCAAAATATAGACGTGCCTGTATTGGATTTGAGTAATTGGATTGTCCGGAA
GAATATTGCTCCGCTGTTATCGGAAATGTTTTGGTATACAGGGATTACATCATTTGACC
GCTACGTATGCTCGTAGTCTCTCTAGCGCATTATGGAATGAGTTGGTTGCCTCAAATGGT
GAGCCTTTTAAG

>naRXN01263-downstream

TAAGAGGTAGTTGTTCAAGTAGC

>naRXN01266-upstream

GATTGTGAAGTTTATATCTGTTCATATTCTGGTGATTTTCGCCCTGCTCATGAAGTGGCG
GACGAGCAATGGCCCGATATAGATTTAGTAAGGAACTAAA

>naRXN01266

ATGCCAAAAGTAAGTGTGGTTACTGGTTTTTATAACCGCTGTGAGCATTTAGAACGAACC
ATTGAGTCTATTCTTAACCAAACCTTATAGCGATTTTGAATTAATTGTTTTTGATGATGCA
TCGACAGATGGAACAGCTTCACGATTGTTAGAGTTAAAAGAAAAATATGATGATCCGCGT
TTCCGATTTATCATTCATGAAGAGAATAAAGGTTTCGTAAAAGGGTTATCAGAAGCAATT
TCTGGAGCTAAAGGGCAGTATATTGCAGTCCAGGGATCAGGCGATGTATCTCTTCCTCGC
CGTTTAGAGCTTCAGGTAGAGTTTCTAGACGCGAATCCTTCGGTAGGTGCTGTGGGTGGT
GCTATCTATAATATTCAAGAAGATACGGGAACACGCAACCCACAGAGATTTGAAAAGCCA
ATTGCTACATTCGATGATTTATTGACATCTAATCCGTTCACTCACGGAGAAGTGATGTAT
CGCTTAGACCTTTATAAGAGTATAGGTGGGTATCGAAGTGGCTTTACTTTTGCTCAAGAT
CGTGATTTATGGTTGAGGATGGCGAAAAAAGCAGATCTGGGTATCATTCCAGATTTTCTT
TATCACCGTTACACACTTTTAGATGGTGTCTCTTTCGTCCCGGATAAACTATACGTCAG
CGATGCTTTTCAGAAGCTGCGGTGCGACTGGCATTAAATGCCAGAAGAGGAAGGAGCTTTA
GCCTACTCTAGGCTGGAAGCTGAAGGGCTACTGCCGTAGTTCCTATCGCTGATAGAGCT
GTTTCAGAAATTTGTCCTAAAGCGGCTATTGCTTATGTCTATATGGTGCTCCGGAAACT
GGTTTACACATGGCTCGAGACTATATCCAGAACCCTCTGCGCCGTACCATAGTTGTAGTT
TTGATCAGCATCTATTGCTCTAGATTAATTAAGCCTCTTCAAGATATTCTATATAAGTCT
ATTTTTAAGGGGCTCTCGATTTCTAAACCTATTAAGAGTTCACCTCGTGAAGTTTACAAGA
AGAATTCAGGGAAG

>naRXN01266-downstream

TAGCGAAAAACCGCATCTACCAA

>naRXN01275-upstream

CGCCATACTAGGCTCGGCCTTTTCGACGGGAACTCGGATAGGCTTCTGTAAAACCATCCC
CGTTGAAGAGAGACTCGTGGCTGAAATAACCACCCCATTA

>naRXN01275

ATGGAAAAAATTCGCTCACCCGCAGTCCAATCAGATGCACTGCAGGTTTTTAAATCAGCA

CTTGCTGCGACAGTCACGTGGTGGATTTTCGGTTAACCTCCTTAACTCCCAACTACCCTTT
 TTAGCTCCCTGGGTAGCGTTAATGACGATGCAATTCACCGTCTACCACACCTTTATCAGT
 GGAATTCAGACTGCAATTGCTTCTGTATCGGAGTTGGACTTTCCTTTGTCATAGGCACT
 TACTTAGACGTAAGTGTGTGGACTTTTGGCCTTGCAATGGTCATAGGATTAATAGGTGCA
 CGAGTACCAAAGCTCCGCGCGGAAGGAATAGGTATTGCTACTACATCCATTTTCTTCTT
 GCCTCCGGGTTTGATGATCAACAACCCCTTCTATACGACCGTATTTTAGAGATCCTGCTC
 GGGTGGCTGTTGCCATAGCATCAACCTCATCATCTTTCCTCCCTTACGCGACCAGGAG
 GCAAACATGGTGGTAGGAACTTAGATCGGAGGATGGGTGAGGTTTTACAAAAATGGCC
 GATGAGCTTGCAAAAAAGTGAATATCGACAATGCAGATGAGTGGCTGGAAGAAATTAAT
 TCTATTAACAATGACCTAGAAAAAGCGTGGCACTCCGTGCGGTTTCGTTTCGCGAAAGCCGT
 CGAGTTAATCCTCGTAAAAATCCGCATCCAAGAGGGCCGCCCCAGCCTACGGAAACAAGT
 TATGAATCAAACCTCACCAGCATTGATGAAGGGATCGCTCATTTACGCCACCTTGCCCGT
 ACTCTTCGTGATACCCCGATTATAGATTCCGACTGGGGATCCAGTATTCCAGCAACAGTG
 GGTATCCCTTATGCACGATGCCGGAGCTTTGCTCGCAGATCCGAATCAGGAAATAGATCC
 TATCCGCGACCGGCTCTC

>naRXN01275-downstream
 TAAACTTTCAAGTGAGATGAGTG

>naRXN01276-upstream
 TGCGTAAAACCTCATCACCATGCTCGCGACCACCGCATCGCCTTTTCCGCCATCTCAC
 CAGTGCAGGCGCAAACCGTGGACACAGACACTGACGCCTC

>naRXN01276
 GTGTCATCTGAGCTGAGCAGCGGCACAAGCTCAGGAAGTTCAGAGGATTCCGAAGATTCT
 GACATCTCCAACCGGACATCATCTTCGGCATCGCAGCTATCGCTGCAGTCGCGGCACTT
 ATCGCAAGTGGTGTGCACTGGGCAGTACAACAGCGCATGATCCCAAATCCCCTCCAGGA
 ATCATTCCAAATCCCCTGCACTGGCACCTCAGGCGCCTGCCCCAGCACCTGCTCCCGCT
 CCTGCCCCCTCAGGCACTCGCGCCCCAGGTTGTGCTCCCCAGGTTGTGCGCCTGCTCCA
 GCCCCAGTACAGACCAACCGCACCTACAAAACTGCACCGAAGTATGGAACGTCCTGGGA
 AGGTCCATCCGCCAAAGCGATCCAGGCTACGGCACACACCTCGACCGCGACCGCGACGGC
 ATCGGCTGCGAATCACGCCCTAGG

>naRXN01276-downstream
 TAGTTTGGGTTTTGGGGATCTTC

>naRXN01281-upstream
 GGACAACCTCATCAAATGCAAACATGCGCCACCGGTCCCGGAAAACAGGGGCGATACC
 GCGCTTGAGTGCGAGGTGCCGTCAATTCCCAACTACAAGA

>naRXN01281
 GTGGGACTCAGCCGTTACATTATCAGCTAGCCGCAGAAAACACCAAATCCCTTGTTAGA
 ATGGTTCCCATGACTGTTCTCAAGGAAACGAACCAGCAAAGAAGCTCGCCACTGACCTT
 AACCGAAACCAAGTCGTGGATGAATTTCTGCACTGTTTCCCGAGGTCAACTCACTTTG
 GAGGAATTTGAAGATCGCTCCTCCAAAGCATGGAATGCCCCGCACTTAGACACTCTTGTA
 GAGCTGATCTCTGATGTGAACGACAATCCCTACACTCTGCTTGGTCAGCAATTTCCCGGC
 GCCTCCTATGCGCCGGCGGCTACGAGACCACTCCCCAGCGATGCCAATGTGTCAGAT
 CCTGTAAATATTGTCCGCAACAGGATTACCGGCAACCGAATGGCTCCAAAATGTCGGTC
 TCGTTTATGGGTGGCACCGTGCGCAAAGGTGGATGGCATGTGCCTAATGTTACACATCC
 TTCGCCATGATGGGCGGCAATCAGATCGATTTGCGCGACGCTTCTGGAAAGCGACCGC
 ATTCAGATCAACGCCTACACATTCATGGGTGGCATCGAGATTATTGTTCCCGAGGGTGTT
 TTTGTCAATTTGTGATGGCATGGGCATTTTCGGCGGCTTCGAACAGTCTGTGGACAAGGCC
 GGTGCACTCAATCCCGCGCGCTGCCAAGCAACGCGCCACGGTCCACATCAAAGGCCTG
 GCGTTCATGGGCGGAGTCAGCGTAGTCACCAAGAAAACATT

>naRXN01281-downstream
 TAAAAAGCTTGTCGACGCGCCCC

naRXN01296-upstream

TAAAACTCCTGTTTCGAAATTGCCAGACAGGTGTCCACCAACTGCTACATTGCATTGG
AGATCCAGAATCGATCACTCTACGACCAGGAAAACTTTC

>naRXN01296

ATGTCCATCGAGCAAGCAATCACTTCACTCTCCGCAAGAGTGC GGGAATAAGCCCATC
ATCGAGACTGAAGAAGCCACGAAAACCGGACTGATCATGCCCTTTATCAGCAAEGTTCTC
GGCTACGACGTCAGTATCCTCGTGAAGTCATTCCGGAATACACTGCTGATGTTGGCGTC
AAAAAGGGTGAGAAGGTGACTTCGCTATCAAACCGGCGATGATTTCCACTTCCTCATC
GAATGCAAAAAGGTGCGGCTCCCCACTCAGCCTCGATCACGCTAACAGCTCGTCCGCTAT
TTCAATGTCACAGACACCGAATTTGCCATTCTCACCAACGGCGAAATCTACCAATTCTAT
GGACAACCTCGATGCAGCCAACCGCATGGATGCAAAACCATTTCATGACCTTGGATTGAAAC
AATATTGATGCCCGTCAGTTCCTCATTTGGAAATGTGTACCCGCAAGCATTTCACCCCA
CAAGCGCTAGCCGCAACGCTGAAGAACTGAAGTACATTGCTGAATTGAAGAAAGTCATC
GCGAATCAATTCCAAAGAACCTGACGTAGAAATCGTCAAGATGCTTGC GGCGACAGTCACC
ACAAAGCGTATGACTGCACAAAATCTGGAATTCTTCACCCGCTTGGTTAATACTGCGTCT
TCCCAGTTCCTCAAAGACGAGGTCAATCGTAGATTGCGCTCCGCCAAGTCTTTGAGGAT
CCTGTCCAAACACAAGGTGCTGATGCAGAAACACCAGCAGAGGACGAAGCAGTAATCGAA
GAAGTGGTTTTAGAAATCGTGACGACAGAAAGGAAATCCACGGTCATTCAATTGTCCGT
GCAATTTGCTGCTCAGAGGTATCGGCACAAGAAATCACCATGCGTGACGCAAAATCCTAC
TGCGCTATTCTCTTCCAAGACAACAACCGAAAGCCAATCGCCCGTTTCTACTTTGATCGC
AAGATTCACGCATCGGCATCTTCAATGCTGAAGGCGAGCAGGAACACTTTGATTGGAA
TCCATCGAAGATATCTACAACCACGCTGATCTTCTGCATTCCCGCGTCGTAGCATTGAAC
GCT

>naRXN01296-downstream

TAAGTTCTGCCTTAGTTCTGCA

naRXN01301-upstream

AGGCAAGAACGCAAGATTCTAGTACGCTGCTAAAGTATGCAGCTTGGCCCGCACGGTTTC
CGCGTGCGGACGTGTTTCAATTTCTGTATAGGAAAACCTACC

>naRXN01301

TTGATCGTTGATACCCAGTTTGAGAAGATCCCTGCTCACGACGTCGTGGGCATCCGGGTA
ATCCTTTTCTCTGAGGATCTCCCTGAGCTCTTTAAACGCGGCTACGCGGAAGTAAAGAAA
TTCCTCCGCCCTAGAAGGCATCGAACCTAAAGGTCTGCCCCGCGCCTACTACTTTGGCGAT
GTCTCTGACACCGTAGACATCCTGATTGGTTTCCCCGTCAGCCCCGCGCAAGCAGAATCC
CTGCGCCGCGGCGCATTGAGCCAATCCGGTGGCGACATCGATGACGTTGCTCTCCACCAC
TTCCGCGACATGAAAACCATGCACAGCCGCCACTCCGGCCCCCTTCGATGGAGTCGAGCGC
GTCTGGGACGAAATCCTCGATGAAGTCGAAGACCTCGGATGCACTTGCCATCCAGCAGC
ATCGGTTGGGAAGAATACATCGAGGGCCCAGCCACCGCTGATACCTGCGACCAACTGGCC
TCTGAAGTTTATGTTCAAGTGTGCCAAGCACCGGTGAAGTCTGCA

>naRXN01301-downstream

TAAAGATTCACCCGAATTTCCC

>naRXN01306-upstream

TGTTTTAGAGGTAGAGCGAAACGTGCCTGTAAAACTGGCGCTCGCTGTGCTCGAAGACCA
CCCAGACAATCACCCCGCTCCGAAGGAGAATCGCTAAGCC

>naRXN01306

ATGACTGAATGGTATGTCGTTTTACCCGCCACTATTCTACTCATCGCGCTGTCTGCGTTT
TTCGTATCATTTAGTTTCGCTTTGCTTGCAGCTAGGCGGAACCGTTAGAGGAGACTGTG
GAAACCTCGCGGTTTCCCCGCGCTGCGTTGCGAAGCCTCAATGAACTTACTCTCATGCTC
GCGGGCGCGCAGTTGGGAATCACCATGGTGACTTTCGCGTTGGGTGCTATCACGAAGCCG
TGGGTTTATTATGCTTTGATGCCGCTCTTCGAATGGGCGCGTATACCGCTGGTTATGGCA
GATGTCAATTGCGTTTATTTGTGCTGTTTATCGTAACGTTTCTGCACTTGGTCATCGGC
GAAATGGCTCCGAAATCCTGGGCAATCGCGCATCCGGAGACGGCACTTCGAACTATCGCG
ATTCCCGCACGGGGCTTCATTAACCTGTTTCGTCCATTGCTGCAGTGGATCAACAAAATG

GCGAACGATTTGGTCCGCAAAGTTGGTGAAACTCCCGTTGATCGAGCTGCAGCTGGTGGC
TATGACACCGATACCCTCCATGCCCTCATTGAGCATTCCCGAGAACTGGCGCTCTGGAT
CAGCAATCCGCCGCCCAAATCAGCGGAATTATCAAGCTGGATAAAATCACGGTCGGTCAA
ACCCTGACCGCATCTCCATTTACGCACAGCGCCAGCGCCACGGTTGCTGAGGTGCAAGCC
GCAGCTCAGCGCAGTGGCAGCTTGCCTGTGCTTATCGACGCCCCCTCCACCTTTTCCCA
CACGTCATTCATGTGCGAGACACCCTTGGTGCCTCGCCAGACGAGAAGGCTTCGAAGTGG
TCTCGCCCAATCTCACCGTTGCTGAGACCGACAGTTACACCAAGGGCTGGAATACATG
CGGGAGCATAACGAGCAGATCAGTGCCTGCTTCCGCTGATGGGAAAACGGTGCTTGGT
GTAATAACTTGGGATCACATCTTGAAATACCTGTGGCCTGCATCGGTG

>naRXN01306-downstream
TAGCTAATTGAGGTGCGCTGAA

>naRXN01324-upstream
TCCTCAACCCAATGCTTGCCGGCATTGCGATGGCCTTCAGTTCAGTTTTCTGCTCTCCA
ATTCTTGCGTCTGCGAGGATTCAAAGCAAGGAGCAACTA

>naRXN01324
ATGTCCAACAGCGAATGCCACACCCACGGTTACATCGAAGAAAAGCAGCGTTACCTCGCA
CGCCTCAAAAGAAATCGAAGGCCAAACCCGAGGCATTACCGCATGATCGACGAGGAACAA
TACTGCATCGACATCCTCAGCAGATCTCCGAGTGAATCCGCACTCAAAAACGTGGCG
TTCGGCCTCCTCGACGATCACCTCGCTCACTGTGTCAAAGAAGCAGCTGACCTCGGCGGC
GACGAACTCGACGCAAACTCAAAGAAGTTTCCGACGCCATCGCCCGCTTCAGTAAGGCC

>naRXN01324-downstream
TAAACGGATCCGGTGGCATTGGA

>naRXN01326-upstream
GTCCTTGAGGCTGCTTACACTCTACTTATTGTAGAAATGGGAGGGTCGTGGCGTCGAAAA
GCAAACATCTTTTAACGCTTTTGGCCCGTATTATGGTGGC

>naRXN01326
ATGGCTTTCCCGTGACAGAAGACAAAATCCTGGCAGCTGAGGAAACCCTTGGCAGGCGC
CTCCCCGAACTTTGCGCGAACGACTACTTCAAAACAATGGTGGCGAAGTCATCGACAAT
GAAAACAACGACTGGATTCTCCATCCAGTTCTGTGATGACAGCGACCGAAAAAGGCTTGTC
CGAACTGCCAACGACATCATCCGCGAGACCGAATCTGCACGTGAATGGGACAAATTTCCCC
GAAAATGCGATCGCAATTGCAAATGACGGAACGGGCGACTTAATAATTCTGCTTCCCGAC
GATGATGCTTTCTACATCTGGTCGCACGAAGATGAACCCCTGATCGAACTGAACTTGAG
GATGCC

>naRXN01326-downstream
TAAACAGCTGGACAGAATTCTGA

>naRXN01331-upstream
CTAAACTCGTCTCTCGTATCTTTTCAGTCATTTATGTCTGATAAGCAGGCGCTGCGCCAC
ACAATTGGCACAATCACAAGAAAGTGAAGTGGGAACCTAG

>naRXN01331
ATGCTGACGACACTATGGATTGCGGTGTTGGTATTTACCGTTCCAGGATTGGTCGTCTCG
TGGGTTTCTGGCCTTAAAGTGCCCTGGGCTATCGCAGCCTCCATCCCAGCCACCTTCGGT
ATTTACGGCCTGTCCGCTGGTTGCTGGGCTGTGGGAGATGCGTTTTGATCTCCATTCT
GTAGTTATTTCCACATTGGTTTTCTGCTGCGGTGCTTTGGTATGGCGCTTGTTTTTTGTC
GGTGGTTGGCTTGTACGTGCGCGTAAAGCACGTATCCGCAGGCAGACGCTCGCGGATGAA
GAGCGGGCAGAAAAATGCTGAGGTATCTGCAGGGGAGCCTGCCGAATCGAGCACAAACGAA
GCAGCCGAATCTGAACTCTGAAACCTCGGAGCGTCCGCGAATCTGGCGCGTGATCTTTGAT
TACATGCGCGACGGTGGCATCTTGGATCACCGTTGGCTGCTGCCTGCCGAGGTGCTATC
ACTGGTGCGTGGCTGATCATTGATCGTGCCGTTGATCTGCTCTTGAGCACCGAGCATGGT
TTGGGCGATATCGTCAAGGCTGGGATGTCCATTGGCATGCTTCGACTGTCCGTTTATA
GATGAGACCGGCATTGCGTCATCCACGATGATGGGGCAGCTGCGCAATATTGAAACGCAG
CAAGATCTGTTCTACCCAAGCGCATGGCATGCTGGTGCATGGGTGCTGTGCGATGTCGGA

AATCTGACGATTGTTGAAGCCACCAACCTCACTGGCATTGTGCTGTCCGGATTGTTGCTG
 CCGTTAGCTGTTGCACTGATTGCATGGCGGATGATCAACAATCGTGGACTGACCGCGCAG
 ATTGGTGCGGGCTTTGCTGGACTGATCACCATTGCCTCTCCGGTACTGTTCTGGGTGGT
 AACTACGTGGGTGCGTGGCCTTATGTTGCTGCGATCGGTGCTTCAGGTGTGGTGTGCTGCG
 CTGTTTATGTTCCACTCCGTCTGTGCCGGTAAGAATCTTTGCCGAGCATTGGCGTTCATG
 GGTATGTTCCAGCTGCATCCAGCCCCATCCACCATCGTGATCATGGTGTGCTGTGG
 TGGCTGCTCAAACCTCGTGGTGGTTCCAAGCCAGAAAGTGAAGGGCTGGAAGCGGGCATC
 GGTATCCGTTTGAAGGATGTGCGGCATCCTGGCCATCACGGGCATCATCGGTGTGCTCTTC
 ATGCTGCCTCAGGTGATTTTCAGGTTCGGAACAAACGAAGATGTGCTGTCATATTCTGCT
 GAGGAACAAGTCACCCGAGCGAGTCTGGTTGGTGTCTATTTTCATGGAGACCCGCCAT
 GTTGATTTCTTCGAAATATTGACATCGTCCCAGTGCTGGTATTCGCAGCAATCGGTGGC
 GTGGTTGCTTTGGTGTGGCGCGGAAACTTGTGGGCGCCGGTGTTCCTTCGCCAGCGTT
 GCGTTGACCGCTAACTCGCTGAAGCCTTTTGAAGAGCCGTGGGGTGATTGGCTCAACATC
 GTGGGCGGTCTGCATTACTCCACAGGACACCGTTTGATCATGCCTGTCGCCATGTTCACT
 TTTGCTGCCGAGGTATCGGCGCTGCCGAGTGATCCGTTTGATCTGCTTGGGACCAATA
 AAGAAGTTCACCACTGTTTCCGGTGTGTTTCTGTGGTGATGGCTCTTGTGTGGCTGTG
 CCATTGCAGACTTGGGCGAAGGATTTTGTAGAGGAAGGATCCGAAACCACAATCCTTGCG
 CCACACAATGATGAACGTATGGTGAGCAACAACGACTTGGCTGCCTGGGACTGGTTAATC
 CAACAGCCAGGTGGAGCTGACATGAACATCATGGGTGACCCCGCAGATGGTAACGGCTGG
 ATGTATGCCTACACGGCTTGCACTCCGTGGCCCGCCACTATGCATGGCCAGCAGCAGGC
 GAAGGCTCTGCCACCGCGATGCTGTTCTGGTGGCCTCAACTTCTAGGTGTGGGCACCGAT
 GAAAACCCAGATCAAGTCAACGATGTGGATCAGGCTGCTCGTGATCTCAACGTCGGCTAC
 TTCATGATCAGTCCGTGGACGTTCTGGGATTTCCAGATCCCCAACTTCGCCAGATCGAT
 CTGCTGTGGCAAAACCCAGGCGTGACACCGGTGTGCAAGAAGGGCAGTCCGTGATCTTC
 GCAGTCAACGATATGTTCACTGACGCCGAACCTGGATCAGATGCGTGACCTGGTAATTCT
 CCAGAACCACTGCCAGAGCTTCTACCTTGGGCGAGCTTGGGTGGCTGAAACTGAAGAC
 GAGGTAGATCAGACTTATTACCATCGTCCAACGGTTCCTGCTGGTGTGAACCTCAGAGATG
 CCTTCAGCCGAACTCTGTATGCACCGGATCCAACGAAGCCGCATACGGTCCCTAAC

>naRXN01331-downstream
 TAATCACAAGAGTATTCAGTAA

>naRXN01337-upstream
 GCTGGCTATCCTCAATTCCGCTCGGGTCGCACTGCCACGCGGAGCGATTAGTGATTTTGA
 TACGCAAGAAAAAGTTTCTTAGCAGGGTAACCTAAATGTC

>naRXN01337
 GTGACATTTTCGAGGCGGAAACACTGGCGCAAAGCACGCGGTGCTTGTGGTTCTGGCCCC
 AATGGGTTGACCACGGCGGCGGTGCTGGCCAAAGCAGGTTGGCAAGTAGATGTGTATGAG
 GCGGCGCTCAACCCCTGGAGGGGCGGCGCTCAGAAAGCGTTCTGGGGGAGGGGACTATC
 AGCGATTTGGGTGCCGAGGGCATCCTTTTCGGGTGGCAAGCCAGCTTTTCACTATTTG
 GGTCTGGAAGATCACGGCTGGAATGGGCGTATTCTCCCTTTGCGATGGCCCCACCGTTA
 GATTATGGCAGGGCCGACTGCTGGAACGTCCTCCAGAGACCGCCAAAAAGCTTGGA
 CCTGATGCACGTCGTGGAAGAATTTGCACCAGGGCTTAACCAAAAACATTGATAAACAC
 TTGGCCAATCTATTAGGGCCGGTGTGAAATGGCCAGCACATCCGATTCGGATGGCAAAG
 TTTGGCCCATTTGCGTTGCTGCCCGCAAACGTCTAGCCAGTGCCGCTTTTGAAACAGAA
 GAAGCCCGATCCCTGTTATCGGTTTCGGCGATGCACTCGGTGACTCCACCACACAAGCCG
 ATGACCGCATCACTTGGATTGCTTTTGGCGCTCTGGGGATGTGCGGAGGATGGCCGGTT
 GCAGTTGGGGGAAGCGGACGGATCGTCGATGCTCTGGTCAATGTATATAAACCATCACGGT
 GGCACCATTCACGCGATTACAGATTGATTCCCTCTCACAATTCCGCGACACCGATGCC
 ATTATTCTGAACCAACCCCTCACAGGTGCTGAAACTCAAAGGAAGTACCTTAATGCA
 GGGCTTCCGCAACGCATGAGCACCTGGAACACGGACCAAGTTCTTACAAAGTGGACTAC
 CTCCTTGACGAACCAATTCCCTGGAGCAATCCCAGGTAGGCCAGGCCACAACCGTCCAT
 GTGGGCGGAAGCTCTGAGGAAATCGCTTTCGCGAGAAGCAGAGTTCGAGCGGGGCGGATG
 CCCGAACGCCCCGTTATCATTTTGTGCCAACAACAAGTGGCGGATCCTTCACGCGCCCGG
 GAGGGGCGCCACGTCGTGTGGGCTACGCGCATGTGCCGCGGGGTTTCGTGATAAGCGA
 GCTGCTTTATTAATCACTGCGCAGATTGAACGCTTCGCCCCGGTTTCGTGATCGCATC
 GTGACATTCACTGGATACCAACGCGGAGGATTTAGAGCGTGGAACCCCAATCTGTGGC
 GGAGACATACCCGACGGGTCCGCGCTGCTTCGGCGAATGCCGACCAAAATCGGCGAGAAA
 ACGTACATGGCATCCGCTCCAACGCGCGGGGCGGGGAGTCCACGGAATGCCCGGCTGG

TGGGCAGCGCAAGCCGTTTTAGCAGATCACAGG

>naRXN01337-downstream
TAGAATTGCGACATGGAGCCCCAC

>naRXN01351-upstream
CTGGAGATTTCCGATTTCCAGCGCGCCCGCATCGACGGAATGCTCAGGAATTGCAGGCC
GAGCGCGAGGCAGTGCGCGACTTGCTCTAATCTTTAACGC

>naRXN01351
ATGACTTCGCTTTTCGACGCCCCAACCCCTCCAACGCGTCACCGTTTTTCACGGGCTCGGGC
CTCGGCAGTTCCTCGCTGTACACGCAAGCGGCTCAAACCTTGGCGAAAACCGCGGTAGAC
CGCGGCATCGACTTGGTTTACGGTGGCGGAAAAGTGGGGCTCATGGGTATCGTCGCGGAT
GCGTTCTCTGGAATCAGGTGGCGAAGCCTTTGGCGTCATCACGGAATCACTTATGAAGGGT
GAGCTTGGGCATGAAAAGCTCACCGAAGTTGAAATCGTTCTGATATGCACATCCGCAAG
CGTCGCATGGCAGAACTTGGCGATGGTTTTATCGCCATGCCCGGTGGCGCCGGCACCTTG
GAAGAACTTTTCGAGGTCTGGACCTGGCAACAGCTGGGCATTTCATCAAAGCCCGTCGCA
CTTTATGATGTCGATGGTTTTTGGCAGCCCTGCTGGAAATGCTTGAGCAGATGACCCAG
CGTGGATTTATCAAGCGAGACTTCTTTGAGTGCCTCATCGTGAATCCGACCCGCATGCC
CTGCTAAAGGCAATGCAGACCTGGACTCCACCAGCACCAAATGG

>naRXN01351-downstream
TAACTAAATTGTGTGCTCGACGG

>naRXN01362
AAATGGCTTGGCAGCGCTGCGCAGAGCTTATTTCTTAATCCCCCAGTTACCCAGCATGCT
CGCACGGGCACCCACCTTTATGATTCCCTGCAGCTGCTGTTCACTCTGGTGGATAAAGGC
CACCACCCAACAGATGCTAAGGCTGTAGCTTTTGATGCCGAGGCTGGAGAAGAAGGCCTG
CACTTCCGCAACCTTTTCAGCGGATCTCTTCCCTCCCTGCAGCCACAGAACTTATTGATCGA
GTTGGTCTTTCCAATGAAGCCCTAAACAAGGCTCTTGAAAACCTCCTGCTCTCCCGGGTG
CAATCCGGTAAAGACCGCGGCTTTATCTCCTATGCCACCTTGGGTGTTACCGAGCTTGGC
CAAGTTTATGAGGTCTGATGTCCTATACCGGCTTTATCGCCAGGAAGATCTTTTGAG
GTTGCACCACTATGGCAAAGCCGATAAAGGTTCCCTGGATGCTCCCGGTCTCAAAGGCTGAT
GAAGTCCCTGCCGATAGCTTTATCGAAGTTGATCAAGAAGCCCTGGTGGCGGCGTAATC
AAGGTGCGTAAACGCCACCCGCGCGGATCATTTGTGTTCCGTGAGTCTCTCGTGACCGC
GAACGCTCAGCGTCTTCTACACCCACAAGTACTACCCAGCTTTACTGTACCCAGGCT
ATTGAAGAACTCCAGGCATCAAAGCGCATCACCCAGCCAATGATGTTCTCAGCTCACC
ATCTGTGAACCTGCCATGGGTTCGCGCGCCTTCGCTGTGGAAGCAGTACGCCAATTAGCA
GAGCTTTATTTGGAATTGCGCCAAGAAGAACTAGAGCAGCAGATTCCAGCGGAAGACCGT
GCCAAGGAACCTCAAAAAGGTCAAAGCGCACATTGCGCTGCACCAGGTTTATGGTGTGGAC
CTTAACAGCATGCTGTGGAGTTGGCGGAAATCTCGCTGTGGCTAGACACCATGAATGCA
GAAATGGACGCACCTTGGTATGGCTGCACCTGCGTAATGGTAACCTCCCTCGTTGGTGCC
ACCCGTTGCTGTATGCACCTAGTCTGCTTAATAAAAAAGCCTGGTTAACTGCTACTCCA
ACCCGCTATCGGCTTGATGATATCGCGCAGGCTATTGATGAAAACAAAGCAGAACCCCTC
TTCAACCACGGCATCCACCACTTCTCTTGCCCTCTACTGGCTGGGGAGCCACTGCAGAT
GCCAAAGATCTTAAAGATCTTATGGCTACTGAAATCAAGGAGCTTAAATCTTGGCGTACT
TCCATCCGTGCGTCTTTGAGTAAAACTCAGATTAAGCAGCTCAATAACCTTGCCCTACGC
GTGGAACACTATGGCGATTTGTGCTGATGCGTATTTCGATTGCAGAATCCCAGATCTCA
CGTAGCACTACTCTTGGGGTCAAGAGCCAGCTGAGGTTTCGGAGGTTGTCACACGTGAG
CAAATTGAACAAGACCTCTTTGGCAATATTGATGGTGCATATAACCGTCTACGCTTGGTG
ATGGATGCTTGGTGTGCGCTGTGGTTCTGGCCTTTGGATGCTGTTGCTACCGCTGAGCAT
CCGGAGCGTCCAGCCCTTCCAGATCTTGATGAGTGGCTAGCCACCCTGACGGAGATTCTG
GGTATTGATCTCCCTCTGAAGTCCAAAAACGAAATCAGATTGTCTTAGGTCCAGATACC
AATTGGCTAGCCATTAATGATGCCGAGGCTACTGATCTTGGTTTTTCTGGGGCATTGAGC
TTTGAGCGTGTAGCGCGAATCACCCGTGGATCAATGTTGCCCGCCAAGTGGCTAAACAA
CAGAGCTTCTTCCACTGGGATCTAGACTTCGCCCACGTTTTTGCCAAGGTTGGATTTGAT
CTGCAGGTTGGTAATCCACCATGGGTGCGACCAGATGTGAACCTTTGAGGATCTGCTTGCT
GAACATGATCCGTGGTGGGCTGTAATGAGTAAACCAACCCAGGCATCCAAAAAGAACGC
CAGAAGAATTTTACAACAATCCTAAGAGCCTCGAACATGTGGTCAGTGGTGCAGGTGAA
CCCGTGGCTACTTCTGCGATCCTCGGTTCTGTTACTCTCTATCCGCATCTTAAAGATCAA
CGCCCGGACCTCTACCGGGGCTTTATGGAAAAGACTTGGTCTAATGCCTCCCGGCAGGT

GCGATCTCACTGATCCACCCGAATCCCACTTCACTGAGAAAAAGCTGCCCCGCTACGT
 CGGGGAGCATATGAGCGTCTGCGCCGCCACTGGCAGTTCATTAATGAGTTGATTCTTTTT
 GACGTCCACGACTTGGTTAAATATGGCGTACATGTCTATGGCGCTCCGCAGGAATCTATT
 AACTTTTTAAGTGCTGCGTCGCTTTATCACCACAAACAGTGCTTGATTCATTGATCAT
 GACGGTTCAAGTAATCTCCCTGGTCTTAAAGACGACAATGGCAACTGGGACCGTCGCCCA
 CACAAGGACCGTATCCCACTGGTCAATGCCGATACTTTGACGGTGTGGAAGTCCATCCTG
 GAGGATGAACAAACGCCATACTTGGATACCCGCATGGTTTATACCGTCAACACGGAAGEA
 GCAGCAGCGTTGGAAAAGTTGGCTTCTGCACCTCGTATCAAAGAAGTGGGCTGCAGTTC
 TCCAGTGGCTGGAATGAAACCACCGATAAGAAAAAGGGATACTTTGACGTTGGTTGGGGC
 TACCCAGCTTCTGGTCTGATGCCATTTTGCAGGGGCCGCACCTGGGTGTTGCTACACCA
 ATGATCAAGCAGCCCAATCCGACAATGAAGCATAATCAAGATTGGTCTGAAATGATTTT
 GAGGCCATTCTGCAAACTTCATACCTGCAACGGCGTACCAGCCCGATCGCCAAACAAAG
 CCCACTTATGATGCTGACTACGGCACCTGGACTTTCGGGGACAAGCAGGTACCAGTTGCA
 GACACTTTCGGAATTGCATGGAGGGAGATGGCTGCCACCACGGGATTTAGGACTGTCTAC
 CCATCAGTAATTCCACCGGGAGCCAACCATGTGCACACAGTTAATAGCGCTGCATCACGT
 TCAAACCTTAAAAACATTCTCGTTGGAGCACAGCTTGGTGCAATTCTAAGTGACTATTTT
 GCTCGGTCTCGGGTTCAAGCCACATATTTAACGACATTGTTGCAAGATTCCACTTCCA
 AATTTACATCCTTGAAAAGCAGTTCCGCCGCACATACCTCCGCTCAACTGCCTGACC
 TCAGCTTATGCCCCATTGTGGGAAGAGATACCGGTGAGCCGTGGGATGTTGAGGTGCCT
 TTGCGCAATGCCGAGCAACGTGAGCAGCGCAAAACGATATTGATGCCATGGTGGCATTG
 TCTTTGGGTATTAGTGCTGATGAGCTGTGCATGATTTATCGCACTCAATTTCCAGTGATG
 CGTAGATATGATCAAGAAGATCATTTTGATGCCAATGGCCGTAAAGTTCTTAAAGAGATC
 ATCAAGCTGCAGCAGAACTTAAAGATGGCCAAGAGCTCAGCGTGGAAGCGCACCTGG
 GTGCATCCCCAATCAGAAGTGTCTATACCTTTGAATATCCTTTCCGGGTGTTGGATCGT
 GAAGCTGATCTGCGTGCTGCATATGCAAAATTTGAAAACAGCTTAAGGAGCCA

>naRXN01362-downstream
 TAGAGCGCTTATGTCCTCACTCA

>naRXN01379-upstream
 CAGAAATTGAGTAATGCTCTCGAGCCAGACCGTGAAGTTATTAGGCCTTTGGCCGTCATT
 CTTCCGCAGCCCGCAACTTTGAACACCGAGGTTTAACACA

>naRXN01379
 ATGAGTGCATTTGATTTCGATCCTAAATGTTGAAGAGTGGATCAGTGACCACTACCTCACC
 AATGACGATGCCAAAGGTGCCTCATTTTCCAAGCGGGTGCAGGAGCGCATTAAGAATGG
 AAAACCACCGAGGACGCAACCCAGCAGAGTGGCCCTTTAACTCGTTTTTCCAGCAACCGC
 CTGCAGTTGCAGCATGCTCTTTCTGAGCTTGACGACGCCACCACCGCCGCCAGTTTAGTG
 GCCTCTGCACTGGGGTATGGTGTCCCCAGCGCGGCCACGCGCAGCGCGGCTCCGACACA
 ATATCCTATTCCTCTTGGGTGGGAAATGCCGGCAGTGTGGAATTTCTTGACGCGACTCCC
 GCTGAAAGCTTTGAAGAGAACTTCCGATCCCTTCCCCTTGAGCCAGTAGCGGTCAATGAC
 AAGCCCCAGGATATACCCGAGCCAAATTGGTGGGCCAGATTTTCTTAGTGATACTCCC
 CCTGCTTTTGTGTTATCACCGCTGGTAAATGGGTGGTTTTAGCCGAGCGTGAAACCTGG
 CCTCTAGGCCGCCACCTAGCTATTGATATTTCCCTGGTGGTGGAAACGTAATGACACCAA
 GCCAGGGTGAGATGCAGCAGACGGTCGTAGCACTAGCCCGGAAAATACCGAGCGTGCC
 GCCGATGGCACCACCTGGTGGGAAGAAACCATGAGCAATCCCGCAACATGCTGTCAAG
 GTTTCTGGCGAGCTACGCAAGTGCAGTGCAGTGAATCCATTGAAATCCTGGGCAATGACGTG
 CTCACACGCTATGAAGCTAAAGAGCTCTCCACCGCTGAGATCGACGGTGGCGAGCTAGCT
 AAGCAATCTTTGCGCTATCTCTACCGCATTTTGTTCCTGCTTTTTGCCGAGGCTTCACCA
 GAGCTTGAAATCTGCCAACCGGCACCCCGGAATATGACGAG

>naRXN01390-upstream
 CGTCCAGATAATCAATCTGCGAAGCCAGTGGCTTCCGAAGCTCCAACAATATTACGCCG
 GCAAGCTCTGGTGCATTAGCATCCGATGCTCCGACGTCTT

>naRXN01390
 ATGTTCAAGCGCAGCCTTCCCAGCAACAAGACATCCTCAGCAAGTTCCGCCAGCTCCGCC
 GACACAAGTTACTCAGTCAGATTAGGCCGTCTGAAGAGCCTGGTTACCAGCCAGAACCG
 TCTTATTCGGAGCCTTACACTGACTCTGATTTGCGGCCAGCAGGTGCGGCCGCTGCGGCA
 GCTGCAGTAGCTCCACCAATGATTGCGGAACAGCCACAAATTGTTGAAGATGCCCGCCGA

GGTACCCTCGATTTTCGGCCTGTTGATTATCCGCGCAGTCATTGGTGTCTATTTGATCGTC
CGTGGAGTCTTTACATTCTTCACCCTTGGAGGATCTGCCGGTCTTGCTGGCCTCGAGGCA
GAGTTCGCTGGTTACCAGTGGCCTGAAATCCTCGCGATCCTGCTTCCATCTATTGAACTT
GCGGCTGGTGTCTTCTGCTCCTTGGTCTGATGACCCAGTGGCAGCAGCGGTAGCCACG
GTGGCGACATCCTTTACCACCCTTACCAAGTCAACACTCATGAAGGTGGTTGGGGTGAA
CTTAGTGAGCCATTGATCTGGCACTGATCCTCACTATCGTGGTTGTCGGACTTCAGTTC
AEEGGCCCCGGCAAGATTTCCCTTGAATCTGGCCGAGGTTGGCAAAGCGTCCACTGG

>naRXN01390-downstream
TGAGCTCGTGGATCTTCGTGGTC

>naRXN01391-upstream
ATGGTGTGAAACCATCATGGCTCGATCACAAAAAGAACCTGCTATCAGGTCAACCAA
AAAAGTTAAAAGTGAATATCCAGCATCATCACGATTGCC

>naRXN01391
GTGGCTGCAGTCGCTTTTGCAGCTTACGTTATAGATGGTGGGGTAGAAGAGGCGTCTGGA
ACACCGACGTCTTCGGAAAGCTCGGTAGCGGCAACTGCTCCAGCGGCATCTAGCGAGACT
GCGGCTGAATACCGTGCATGCTCGCTTCCCTTGACGTTAAAGGTGCTGCGCCAGGAACA
GGATATGACCGCGAATTATTTCGGACCAGCATGGACCGACACTGTTTCCGTGGAATATGGA
CACAATGGCTGCGATACCCGCAACGACATCCTGCAACGCGACCTGGATGACATCCAACTT
CGCGAAGGCACCAAGGATTGTATCGTCACGAGCGGCTGCTCAGCGATCCATTTCTGGC
GAACTTATTGATTTTCGTTTCGCGGTGAACGTTCCGGCGACGTGCAGATCGATCACCTGGTC
CCATTACATGACGCAATGGGTCAAGGGAGCACAGCAGTGGGATGAGCAAACCTCGAAAGAAC
TTTGCCAACGATCCCGACAACCTTCTCGCCGTTAAAGGTACGCTTAACCAGCAAAAAGGT
GCAGGCGATGCAGCAACCTGGCTTCCACCAAACACAGCTTTTAGGTGCGATTACGCAAG
AAAATCATCACCGTTAAAGATCGCTACAACGTGTGGGTGACTGAGGCTGAAGCAAGCGCC
CTGGAACGCCAATTAGATACGTGTGCTGCA

>naRXN01391-downstream
TAACAGTCACATAAGCATTTGGG

>naRXN01400-upstream
GAGCAGCTATCACCTTATGCATCGGCTCCGGGTGAGGCGGTGCCGGTGTCCCTTGATCA
GCAACGACATGTGGGTGCCGGCGAGCGACCGGTAGTTGG

>naRXN01400
ATGGCGATTAGTGTTTCTATGCCTAAGGCGATCAGCCGTGAGGAATTGGAGCGCGCGTGG
CTTGAAGTGATTGAACGGCACGGCACCTTGCGCACAGTATTTAGCACGGGAATGGGTGGG
GAAGTGCAGCAACACCGCATGATGTGGGCCCGGGAAAATGGATTGACCACGCCGTGCG
CCTGGTGAGAGCATTATGAGGCGTTGCGGGCGGTGTTGAATCGGCAGTGTTTCGCCGTAC
TCGAGGCGATCGCATAGTTTGTGCTATTATTGATGCGCATCCGCGTCCCACGGTGATTATT
GGTAGTGATCATTCGCATGTGGATATGTGGTCCATGCTGGTGATTGTGCGCGATTGTGTG
GCTGCGCTCGATATGGAACCTCCCGTTGAGCCGCCGTGGCGTTTGAATCGCACACCGCG
GAACTCCTCGCGGCTCCACCTGCACCGGAGCGGATTCACCAGCGGTGGCGTGAAATTTTG
GAAGCTGGTGGTGGAAAAATGCCTCAGTTCCCGCTTCCGCTTGGCGATGCCATCTCCATG
CCTGAACGCGTTGAAGTCCGCGACATTTTCGGGGTCAATGGCTTGGCGATTTACTCGGCA
CGCGCCCGCGCACAAACAGGTAAGCTCCCTGGCCTTGACTATTTAGTGATGGCTGATGTT
ACGGCGGCGCTGGCGGACCTTCCGTTGCGTGCTGTATTCACAGTCCATAGCCGTTTCGAT
CAGCGCTGGCACGATAGTGTGCGGTGGTTTATCTCCAATTTCGGTCATTGAGGTGCCAGAT
TCCGATCCTCACACTGCAGCCCCAAGCTGTTTCGCGAGGCTGTTTCTTTGGGAAGCTACCCG
CTGGCTGAGCTGCTTGAACCGTGGGGTGGCATGCCGAAACGCCAGGAATGTTTGCTATT
TCTTGGCTTGACCTGCGCCGACTCCAGTGAGCATTGACGATATTGGCCTCCAAGCCAG
TATGTCAGCGCTTCACTGCGCACCGATGGTGTGATGCTGTGGTTTATTTTGGATCGCTCC
GGCGCGCACCTTCGCTGTGCTTATCCTGACTCTTTGGTGGCGCGGGAAAATGTAGCCCGC
TGGATTGATGCGATTGTGCTCAGATGCGCGCCGAAGCTGGGACGGTGAATCTGCAGGCC
GGCGGGGAACAGCTGACACTTCGGCATGGAACCTCGCGCCGATATTTCCGAGATCGCCCCG
CTACTTGCCCCGAAACGAGCTGACCTTGTGAGCTGGTGGATCTTGAACATGCCCTTGAC
CTGCTGACACACGAGTCTTCGCATTTCTTGGCGGTGGTTCGAAACGCTCGTGGCAAGATA
ATCGCAGCGATGCAGTTGACTATTGTTCCGGAGTTTCCCGCGGTGGTGCCTTCATCTT

CACATCGAGGGGCCGTTTCATTATTCCGGAATATCGCACCCACCGATTGGATAAAAAGCTG
CGCGCCTGGGCTGTGGAGCATGGGCGTGC CGCAGGGGTGAAGGTTGAGGAGGTGGTGGGA

>naRXN01400-downstream
TAGTTGGTTTATTGGCGCCTCGT

>naRXN01403-upstream
GTGCGTCGCATACGGTGAATTATCTTTCCGGCGGATCGTTTCCGCACGGTGTGAGTTTCG
TAGAGTTTGC GCGCGATCGCGGTATT CAGGAATTCAGCCA

>naRXN01403
TTGGTGCGCGGTGCGGGCTATTTCAATGCGGTGGATATTTATGAGACCTCCACGCAACCT
GACCAGGAATTTCTTTTCGATTTTGACACTTTTTCAGCCGACCCACGCGTTTCAACTC
TCTGCGGTGCGTGCCGATACCGCGAGACCGTTTGTGGGCGAGGAAGACACCCCGGAT
TTGAGCGCTCTGATGAAGCGGGTTCGCGCGTTCGTCGACCATGCCTGGTTTCATGCCGATC
ACCTACATCGACGGCCATCCATATGTCGATGGCGCGGTGCGGGAGACCGCGGTTCGATG
CTACAGCCGGCCATCGATGCGGGCTTACCCGCTTTTCGTTATCGCCTCCCGTCCGCGC
GATTATTGGCGCAAGGAGATCGGGCGCCCGGGTTTCATCAAAGCTGCTTACGACGTTTC
CCCACAATCGCCGACCTCACCATCGCGCGTCTGCACTGTATAACTCGGTAAAGCAACAG
ATCCTCGACCTAGAGAAACAAGGCAGCGCCTATGTGTTCTTTGCGGACAACATGAACATC
CAGAACCGGAAATCAATCTGAAGAACTCCGTGCATCTTTCGATGCAGGCATGCAGCAG
ACCCGCAAAGATTGGCCGGAGATCATGAGCTTCTGAACCAAACCAGA

>naRXN01403-downstream
TAATGAAGGTTTTTAGTCCAAC

>naRXN01409
TGGGTGGATTTCCCCGACGTCACCGCACGTTTGGGGTATGAATACATGCAGCTGACCCCT
CATGTAGATTTCCGGTCTTTCTTCCGCCACCCCAAGGCAGACGATGATCTCGTGCCAGCC
CTGAAAAAGCGTGCCAAGGATGCCGGAGTCACCATTCCTGCACTGTTGCCAGTGACGCGT
ATTTCTTGGCCGGAGGAAACCCAGCGTGTGTCAGCAGTACGCAACATCAAGCGCATCATC
CAGTTGGCCGTTGATCTGGAAGTAGACACCCCTCAACACGGAGTTTCTGGACGCCCAGAA
CGCTCCGAGGATTCCGAAGATGCCTTCTACCGCTCCATGGAAGAATCCTGCCAATCCTG
GAAAAAGAGGGCATCAAGTTCAACATCGACCCACACCCCTGATGATTTTCGTGAAAAACGGT
ATTGAAGCATGGCGAGTCATCCGCGGTCTGAACTCCAAGCAGGTGGGCTTTGTTTACGTG
GCACCTCACTCATCCACATGGGTGATCAGGCTGAGGCAATCCTGCCAGCAGTAGGCGAT
CGCCTTGGGGCTGTGTACCTGTCAGATACCTTCGACCACCACAAATCCCACGGCTGCGC
TACATCACTAACCTCCAGGCAACGCAGTGCGCGTGCAACAGCACCTAAAAATCGGTGAT
GGCGATGTGAACCTTGAAGAGATCTTCTACTGCTGCGCTCTACCGGTTACCTTGACCGT
GAAGATGCACGTGTTGCTCTCCAACGTGTTTGCAGAAGATGAAGCAGCAGATGAAGTATCC
CGCTACCAGCTGGAGAAAAATCCGCTCACTCATCGAAAAACGCA

>naRXN01409-downstream
TAGAGTTATCTCGAAACTACCAA

>naRXN01422-upstream
AATGCATTGAAATCGTGATCGCCTGTTATTGTTTTGTACGTGCAATAACAGTCCCACAAC
AGTTCCCCAAAAGGTGCGAGCGGGAAAAGGAGAAGCAAAC

>naRXN01422
ATGGCTCAGCGAAAACCTGGCCTCTGTGATCGGTGCAGCATTGGCAGCATCTGCTGTACTG
GTTGGATTAATGACACCCGCAACAGCACAAAGTAGTGGCAGCTCATCAACAGACATCACT
CGAGCACTCACCTCAAGTGGTGGTGTGGCTGATAGCCGTGCTCCTGAAGGTGGCGCAAAG
GTCGTTGTTTTCGGTGACTCCACACCTCTGGCACCAATGCTCCATTCCGTACCGATGAG
CGTGGCTGCCTCAAGGGTGCAACAACCTGGGCAGATCAGCTGCAGTCTCAGCTGGGACTT
GGCGCGGGAGACCTCATTGATGTCTCTGCTCCGGTGCATCGATCAACTCTGATGGATTTC
CACTTCTCTGATGAAGTCCGCCATGCTGAAGCTCGTGGCGCAATCGGCCCAAACACCACC
GATATTTTTGTTTCAGTTGGGCAAGAATGATCAGTGGGGCCTTTCCAATGTGAACCTTCTG

CAGTCTGTTTACAGCTGCTTACTGATGTGTTGCTGGTTGTGGCGATGCTGCGGTTGCT
 GCTGGCAAGATGCAGGATCCAAATGCAGTTACTGCTGAAAACATATGCAGAGCGCATGAAG
 CCAGTCATTGACTACTTGAAGTACTACGCACCAAACGCAGAGATCACCTTGGTTGGTTAC
 CAGGAATACACCGCTCGCAGCGGAAGTCAGGTATGTGTTGCTTGGTGAACCCCACTG
 GTGAAAAATGATGCACCTGCGCTGGTTTCGTTTCATGAACAAGTTGGACATGGCGATTGAT
 GGTGCTGCTGGAATCCTCGGCGTCAGCCACGTTGATCTGCGTAGCGCGACTGAAGGGCAC
 GACAGCTGCTCCAACGATCCTTGGGTCAACGGTGTCTTTGATGCAGTGCAGAAATCGTC
 GCGGTCCTGGCACCCATCTGTTAAGGGAGACTCGGTTACTGCAGGGATCCTGCGAGAT
 CGAGTAAACGCC

>naRXN01422-downstream
 TAAAGATGACGTCGAAAAGCATT

>naRXN01434-upstream
 GGTTCCTGCGCACCGTGATGATTGGTGCAGCGCTGTCGCGGCCATCGCTTCGGCGTTC
 AACACTGCCAACACGCTGCCAACCTGATCACTGGAAATC

>naRXN01434
 GTGTTGGGTGCGGTGCTGACATCGCTGGTTATTCGGTCTTACCCGCGCGAAAAAGAA
 GACGCCGACGGCGGTTCCGGGTTCTTACGGCGGCTGCTCACCTGTGCGTGACGCTGCTG
 GGTGGTGTCACCATCCTGTGATTATCGGCGCGCCGCTGCTGACACGGATGATGCTGTCC
 TCTGAGGGACAAGTCAACGTGGTCATGTCCACGGCCTTTGCGTATTGGCTGCTGCCACAG
 ATTTTCTTCTACGGCCTGTTTGCCCTGTTTCATGGCTGTGTTGAACACCCGTGAAGTGTTT
 AAACCCGGCGCGTGGGCACCTGTTGTCAACAATGTGATCACCTTGACCGTGTGGGCGTG
 TACATGGTGCTGCTGCGCGTTTGACCCGCGATGAGCAGGTGGGCATTTTGTATCCGCAG
 ATCATTTTCTCGGCGTGGGCACACCCCTTGGTGTGGTTGCACAGTGTCTAATCATGATT
 CCGTACCTGCGTCGCGCGGGCATTGATATGCGCCCTCTGTGGGTATCGATGCGCGTTTG
 AAGCAATTCGTTGGCATGGCGATGGCGATCATCGTGTACGTGGCAATCTCCAGTTCGGT
 TACATCATCACCACTCGCATTGCGTCGATTGCAGACGATGCTGCGCCGTTATTTATCAG
 CAGCACTGGATGTTGCTGCAAGTTTCTTATGGCATCATCGGCGTCACCTTGCTCACCGCG
 ATTATGCCGCGACTGTCCCGCAACGCGGCAGACGGCGATGATAGGGCAGTAGTCTCTGAC
 CTTTCAGTTGGGTTCCAAGCTAACCTTCATCGCACTGATCCCCATCGTGGTGTCTTCACC
 GCCTTCGGTGTCCCTATTGCCAATGGCCTTTTTCCTACGGCAATTTCGATGCCAACGCC
 GCCAACATCCTTGGTGGACTCTGAGCTTCTCTGCTTTACGCTGATTCTTACGCTTTG
 GTGCTGCTACATCTGCGTGTGTTTTATGCGCGTGAAGAGGTCTGGACCCCAACCTTCATC
 ATCGCCGGCATCACCGCCACCAAGGTCTGTGCTTTCCCTGTTGGCACCGCTGCTGTGAGC
 TCCCCGGAGCGTGTGGTGGTGCTTCTTGGTGCAGCAACGGTTTCAGTTTCATCACCGGC
 GCGGTCATCGGCGGTATCTGTTGCGCAACAACTCGGCGCTGTTGGGTATGCGCTCTTTG
 GCTAAAACCTCCCTGTGGGCGTTGGGCTCTGCGCGGTTGGTGCAGCAGCAGCATGGGCG
 TTGGGTTGGCTGATTCAAGCCGTCTGCGGCGATTCTTGTCTGGGCACTCTAAGCTCCGTA
 GGTACTTGTGAACCTGGCTGTGTTGGGTGTCTTCTTCATCTTCGTACCGGCATCGTG
 TTGTACGTTTCTGTTTTCGCGGAGGTCCAAAACCTTGGGCCAGGCACTGACCCGCATCCCA
 GGTGTTGAGCCGTTTATTTCGCCCAGTAACCAAGATCTCTTGGATGTGCGCGAAGTCTCC
 GAGCAGGATTTCTCCACCCAGCTGGTCGCGCCAAGCGAGTTTCGAGCAACCCCTGTGCCG
 CCACCGATGTCCGCCGTTATTGTCCGCGGACCTCGCCTGGTTCCCGGCGCCCACTGCGG
 GACGGTCGTTTCCGTCTGCTCGCCGATCACGGCGCGCTCCAAGGCGCGCGTTCTGGCAG
 GCCCGCGAGATCGCCACCGCAAGGAAGTCGCGCTGATCTTTGTGGATACTTCCGGCAAC
 GCCCCATTGCGCCACTGTCTTCGGCAGCCGAGCGGGCATCGCCTACGAGGTGCAGCGC
 CGCACCAAGAAGCTGGCCAGCTTGGGCAGCTTGGCGGTAGCCCCAACATCCACTCCGAG
 GCGTACCGCAACGTTGCTTATTGTGGCCGATTGGGTGCTTGGCTCCAGCTTGAGCGCC
 GTCGCGGAATCCCGTGCCGATCCCCGCGCGCGGCTTCGCGCTCGCGGAACCTAACTGAA
 ACCATCGGCGAGGCCACGAGATGGGTATCCCGCGCGGCTTGGACAACAAGTGCCGAATT
 CGTATCAACACCGACGGCCATGCCGTCTCGCCTTGGCGGCGATTGTTGCCGATGCCCTCA
 GAGCTCCGCGACGCCAAGTCCCTGGCCTCGGCGCGCGAGATGCTTATCGACGCGACCCCTC
 GCTCCCAGCGACGTCAAGGCAATGGTCACTGAAGCCAGGGGCTAGCTACAGAAGACAAT
 CCCGATTACGCATCACTTGCCATGGCGATGCGCACCTGCGGACTGTTACCCGAGGAACCA
 ACCACCTTGTGGTGAAGAAGGAAAAGACACCAAAGCCTGCGACACGTGATGGTTTCGGT
 GCCTCCGACTACACCGTCAAGGGCATGGCAGCCATCGCCGCTGTGGTGTATCTTGGTT
 TCCCTGGTGGCGCGCGGTACCGCGTTTCTCACCAGCTTCTTCGGCAGCAGCAACAGAA
 CAATCCCCGTTGGCCTCTGTTGAAGCCACCACCTTGCAACACCAGAACCTGTGGGGCCA
 CCGGTCTACCTGGATCTGGATCAAGCCGCGACGTGGGATGACGGTGCAGGAACAGATGTC

ACCGACGTCACCGACGGCAACACCTCCACCGCATGGACCTCCACCGGCGGCGACGGCCTC
CTAGTTGACCTGTCCACGCCTGCCCGCCTCGACCGCGTCATCTTGACCACCGGCACCGGC
TCCGACAGCAACGTGACCTCGACCGTGAAGATCTACGCATTCAACGACGCCCTACACAC
TCCCTGTCCGAAGGCATCGAGATCGGCACCGTGGATTATTCCGGCCGCGAGTCTCAGCCAC
AGCATCCGCGATTCTCCAAGCTTCCGGGTCAGGTGGAATCCGTGGTGATTCTGGTTCGAT
GAGGTTTCGTTCCCTACAAACCTCAGACACCAATCCACAGATGCAGATCGCTGAAGTACAA
CTTGTGTTGGTTGG-

>naRXN01434-downstream
TAAATTACGCGTTTGTGATTGAC

naRXN01448-upstream
GTAATCTCAGCAGTTAAAAAGGGCAGTTCCGCATCAGGGGGACTGCCCTTTTTCGTGTCT
TCTCATGCTCTTGTGAATATGCATAGCTAATCTTGAGGCC

>naRXN01448
ATGGCAAAGAAGAACTGGGGACTGTGCGCCAGACTGTCTGAACTGGATAAGTCCCTGCGC
AATAGATTGCTGCGGGTTCGTTCCCGACTGCTGTTATTGTTTATTCCGCAATTGGTGCG
GGTGTGGCGTATTGGATCGCCGTGGAAGTGATCAAACACGGACAACCGTTTTTCGCACCG
ATGTCCGCGGTGATTATTTTGGGTCTCTCCGGAGGAGACCGCATCAAAAGAGCCACGGAA
CTCACCTGGGCTGTGCTTTAGGCGTTGGTTTGGGTGATTTACTGATCATGCAAAATCGGC
ACGGGCTATTGGCAGATATTTGTGGTAGTTGGATTAGCGCTGCTGGTGGCCTCGTTTGT
TCACCGGCACCGTTGGTGAGTAATCAGATGGCCATTGGTGGCATTTTGATTGCCACGATG
TTCCCGCCAGGTGATGGTGGAAGCATTGACCGTATGATCGACGCCTTCATTGGTGGTGGC
GTGGGAATTTTGGTCATCGCACTTCTTCCCTCATCTCTCTTGACGCAGGCCGGCATCAA
GTGGCCAACGTTTTGGGGATCGCAGCTAGTGTGCTGGAAGACGTGGCAGCTTCCCTAAAA
GCCAAGGATGCAGCCAACTCAACAATGCTTTGGAAGCATTGAGAAGGTGCGAGGCGTGC
GTGAACAAGCTGGAACTGCGGCATCTTCAAGCAAGGAAGCAACCACCGTATCGCCATTT
TTATGGGGAGATAGGGCCCGCGTGAGATCGCTGTATCGCATTCTGGCGCCAGTGGACAAC
GTCATCCGAAATGCTCGAGTCCTTGCGCGACGGGCGAGTGGTGTGACCGAAGACAATGAC
ACCGTCAGTGATGAACAAATCCACGTGATTGAGGAAATCGCAGACATTGCACTGCGACTG
TCAGACCTTTATGAGCACCACAAAGAAATCAGTGAAGCACTGGAAATTCCTGAGTTGGTT
AACCGACTGCGTCAACTGGGCAGTGAAGTGGGCGAGGACATCGCCGAAGATCGAGTGCTA
TCCGCACAAGTAATTTTGGCGCAATCGCGATCCATCATTGTGGACCTGTTGCAGATCTGC
GGCATGTCCAGGGAATCTGCGGTGGCAGTGTGGTTCCGACCTCAGAGAGTCCGGCTTAC
CCTCCGGAGCTGTGGGATGACGAAGAC

>naRXN01448-downstream
TAGCCTTTTATCGCGGTTCGGTT

naRXN01459-upstream
GATTCGGCGATTTCAGGAATATCCACCCTACAACCTGTGTTTCGCTTACAGCGTTGTTCCGA
TCGTAGCAATAGGAAATAGTTGCCTTGTAGATTGGTAAAT

>naRXN01459
ATGAACCTAATGGCTTTGGTTTCTCTTTTGGCAACAACGATGACGACGATGACAAAAAC
CGCAACAACGACCCATTTCGGCCTTTTCGGTGGCAACTTCGGATTTCGGAGGACAAGGTGGC
GCTGGTGGCCCCGGCGGATTAGGCGATATTTTAAACCAGTTTCGGCCAGATGCTGTCCGGA
ATGGGAGATTGATGAACCTCCCCGAAGCAGCAGGCCCGGTTAATTATGATTTAGCAGCA
CGCATCGCCGCCAGCAGATTGGTCGCGTAGCGCCGGTGAAGGATTCTGAGAAGGAAGCA
GTCCGAAGAGTCCCTTCGCCTTGCTGAACTCTGGCTCGATAACGCCACCCAGCTCCCCACT
TCCGGGCACCGCGTCGAAGCGTGGAATCCAGAAAACCTGGTTAGAAAACACCCTGCCTGTG
TGGAAGCGTCTTGCTCTCCCTGTTGCGGAGCAAAATGAACAAAGCCCAATTAGAAAACCTC
CCTGAAGAAGCCCGGAGATGATGGGCCGATGTCTTCTTTGATGAACTCCATGTCTTCG
ATGAACCTTCGAGTTCAATTAGGAAATGCGCTGGGCGACCTCGCAAAGCAGACCTCACC
GGCTCTGACTTCGGTTTGCTATCTCCCCAGTCGGCGTATCTGCCGTCTGCCCGGCAAC
ATCGCCGAAGCATCCAAAGGCCTCAACGTGGCACCAGCAAGAAATGCTCGTTTACATCTGT
GCCCCGAAGCCGCCGCCAACGCCTCTTCAAGCACGTGCCGTGGCTTGTGAGCGCCTCG
TTTCTCCGTTGAGGAATACGCCGTTCGGC

>naRXN01459-downstream

TAGAAATCGACACCTCACACATT

>naRXN01460-upstream

GCAACATCGCCGAAGCATCCAAAGGCCCTCAACGTGGCACC GCAAGAAATGCTCGTTTACA
TCTGTGCCCCGGAAGCCGCCGCAACGCCTCTTCAAGCAC

>naRXN01460

GTGCCGTGGCTTGTCGAGCGCCTCGTTTCCTCCGTTGAGGAATACGCCGTCGGCCTAGAA
ATCGACACCTCACACATTCAAGAGGCCATGGGCAACTTCCAAATGGACAACCCAGATCCT
GAACGCCTCCAGGAAATGATGAACGAACTCCAAGGTATGGACCTGTCCCCACGCATCGGA
TCCCGCAACGCCAACGCAGTATCCCGCCTGGAAACTCTCCTCGCACTCGTCGAAGGCTGG
GTCGACATCGTAGTTACCCAAGCCCTGAGCGAACGCATTCCATCACCGACGCCA

>naRXN01460-downstream

TGAACGAAGCCTGGAAGCGCCGC

>naRXN01471-upstream

CCTCCAACCAGAGCTATAAAAAAGGTTGTAGAAGAAATTTCTTAACATACATCGTTGTGT
TGCCAGGGGTTTAACAGATTAGTTGCTAAGGTCTGTCTCC

>naRXN01471

ATGCAGAGTTTTAAGACGCTTGAATCTTGGCCTGTGCGACAATGTTTCGGCCAGTGTCATC
TCCGACGGCGCCGTGCACCTTTACGGCGACGTGATCGTGTGTTTTGAATCATGAGTGTG
ACAAAACCTCTGGCCACCTACGGTTTCCTTGTTGCCATCGAAGAAGGTGTTTTGAGCTC
GATTCACCGATGGGTCTGAAGGATCCACAGTGAGGCATCTGCTCTCACATGCTTCCGGC
GTGGCATTCGATAAGCCGGTAGCGGAAAAGGGAGTGGGGGAGCGCCGCATTACTCCTCT
GCTGGCATGGACATCTTGGCGGATGCTGTTGCCGCTGAAGCTGAAATGCCGTTTGAGAG
TATCTCCGCGAGGCTGTGTTGAGCCTTTGGGAATGGAGAATCTGAACTATGGGGTTCT
GCGGGCCACGAGGCGCGCAGCACAGTGGCTGATCTGACCAAGTTCGGCCAAGAGCTCACC
GCACCAACTCTGATCTCACCAGAAACCCCTTGAGAGGCTTTCCAGGTGCAATCCCGGAA
CTGATTGGCACCCTCCCCGTTATGGCATGCAGAAGCCGTGTCCTGGGGATTGGGCTTT
GAAATTAAGGGACAGAAGTCGCCGCACTGGACAGGTGACTTGATGCCGGAGAACAATGCT
GGACACTTTGGACAGTCGGGAACATTCTTTTGGACTGTTCCAGGCTCAGGTCAAGTCGGG
GTTGTTTTGACTGACCGAAATTTCCGTCTTGGGCTAAACCGTTGTGGACTGCCTTCAAT
GACGAAGTCTGGGCCGAGTTAAATTCA

>naRXN01471-downstream

TAAACTTTGCCGTAATTACGGT

>naRXN01479-upstream

AGCGCTGCCCGTGCCATAAATTTGAAGAAGCGCGAAAACAGGTAGAGTCTAAGGTGTCAT
TCTTGGTACAAGTTTTATATTTAGGGAGAGTTATCCACAC

>naRXN01479

ATGATCCAGTTAGTGATAGGCGCTGCAGCAGGCTACGTGCTTGGCACAAAGCCGGCCGC
AAGCGTTACCACCAGATCAAAAAGGGATATGAGGCAGCGATTAACCTCCCCTGCCACCAAA
TCTGCAGTAAACGCCGCCCGCAAAGCCATTGCCAACAAGCTGGATCCGCAGCCCCGCATG
AAGGAAGTAAAAAACCTGCGGACTGCGGACGGGCATGAAGTCTCGAGCAAGACCAGGAC

>naRXN01479-downstream

TAAATTACCCTCTAAACGCCCGG

>naRXN01484-upstream

GAGTTTACTCTTAACCGCAGTAGTGCAGCCAGCCCTGAGGGTGGTGGCGTATTCGATGCT
CAGAACGCCTAATAATCGGCACAAAATTGATTCAATTTTG

>naRXN01484

GTGTTGGGCACAGCTCAATATGATGGAGTTCCATCGAGGCAGTTTGCTGCTCGTTTGAGG
CATGCCGCGAAGCTGTGGCGTCTTCATGAAATCCAGCATGTATATACTGTGCGCGGAAAA
CTTCCTGGCGATCGTTTCACCGAAGCAGAAGTCGCGCGGGAGTATTGATCAAAGAGGGC

GTGGATCCGGATCTGATTTTTGTCTCTGCAGTTGGCAATGACACTGTCTCCTCCTATGAG
GCGCTTGATCCGGAAGCTTGGTCGGGTGCTGATTGTTACTGATCCGAACCATTCGTAT
CGGGCGGTGCGCATCGCGCGACGCATGGGCTTTGACGCGAAACCTTCCCCGACAACCTAT
AGTCCCGCAAGTTTCCGTCGATAGTTTATTTCTGACCTTGTCCCATGAGTGGGGCGGG
GTAGTAGTACAGGACGTGTGCGGGCTCTTGGGTGAACGGGTGCCCCGATAAGGTGAAGCAT
CTTTGCGCGCAATCCAAGGTCTGCTGCGCCCTTCGCGGCGTGCACGCCATGAGCAACTTC
GGAGGC

>naRXN01484-downstream
TGAAAAAGTAGATGTACCCCTAT

>naRXN01485-upstream
CTCAGGGCTGGCTGCACTACTGCGGTAAAGAGTAAACTCTTGGCTAAAAATCTTCTCAGC
TTAACTAGTGTGCCAGCTGGACTCGTCTAAGGTGGGGACC

>naRXN01485
ATGAACCTTTAGTTTGGTGCATCTTCGGGAAAACGTCGCGCGTGTATCGGTCACTGTGGCA
ATTGGAGCTGGCGCGCTCCTTATCAGTGGACCATTTTTTACTGCTCACACTGCAGAAGCC
ACAGAAACATATGTCTTGGCTGAATCACCAGAAATTTACCAAGACAATGTCACTGACTAC
ACCGGCCAGATTTCTCGTCCGATATCACCAACATTCAGGCTGCCATCGATGATGTAAAG
GCATCTGAACAAAAGGTTATTTTCGTTGTTTTCTAAGCTCTTTCGACGGAGTTGACCT
GAAACGTGGACGCAAGCAAGCACTCCAAGCCAACGGCGGGCGGAAACGTCTTGATTTATGCA
CTCGCTCCCGAGGAACGGCAGTACGGCATCCAAGGTGGTACTCAATGGACCGACGCTGAA
CTCGACGCGGCCAACCAACGCTGCTTTCCAGGCACTTTCCCAAGAAGATTGGGCAGGCTCT
GCACTAGCGCTGGCAGAATCAGTTGGTTCTAGTTCTTCCAGCTCTTCGGGCTCGTCCAGC
TCTTCCGATTTTTCCGGCGCTTGGTTGGCTGCTGCGGGCGTTGGCACAGTGGCCGCTGGT
GGCGGAATTTGGGCCTATTCCCGCAGCCGCAAGAAGAAAACAAGTGTGCAACCTTGAA
GATGCACGCGAAATCGACCCGCGCGATACCAACCGCTCATGCAGCTTCCCATGGAAACT
CTCGAACACCTTGCCCAAGAAGAGCTCACCTCCACTGATGACTCCATCCGTCGCGGAAAA
GAAGAGCTCGCTATCGCTACCTCCGAGTTCGGACCAGAGCGCACCCGCGAGCTTCAACCGC
GCCATGAACCACTCCACCGGCACCTTGCAAAAAGCCTTTGAGATTGAGCAGCGCCTCAAC
GATTCATATCCAGAAATCCGAAGCCGAACGTCAATCCATGCTGGTAGAAATCATTTTCATCC
TGTGGCCAAGCCGACGATGCCCTCGACGCGGAAGCCCAAACTTTGCCGATATGCGCAAC
CTGCTGATCAACGCGGGCAGCAAATTGGATGCTCTCACCAAAAATCCGTCGACCTGCGC
ACCCGCTTCCCAAGGCCCAAGAAACACTCGCTGGCCTGCGCACTCGTACTCAGCAGAG
GTCCTTGAAAGCATCGACGACAACGTGACCTCGCCAGCGCTTCGCTCGACGAAGCAGAA
GAAGTCCTGCCACAGGCGTACGAGATAGAGTCCATGCCCGCAGGCGAGCAGGGCGGGCTT
ATCGACGCGATCCGTCACATCGAGCACGCCATCACTACCGCAGACAACTCCTCGCGGGC
GTCGAGCATGCCGATGAAAACATCTCCACAGCCAAAGCAAAAGCTTGCCGATCTGATCCAA
GAAATCTCAGACGAAATCAACGAAGCCGGCCAACTCAAACAAAGCGCAGGAGCCGACGGT
GCCGTGCCGACTGGGCCTCCCTCGACGATGCTGTCCGCGCAGCCAGCGCAGCACTAATC
ACCGCATCAGCAGACGCCGAAAAGGATCCGCTCGGAACCTACACAGAACTTGTGATGTC
GACTCCGCCCTCGACACTCAACTTGACACACTTCGCGCCACCGCAGCTGATCAAGCCCGC
CAGCTACGCGTATTCGACCAACAGCTGCAATCTGCAAGAAGCCAAATCCAAAAGGCCGAA
GACCTCATCTCCACCGCGGTGCGATCGTAAATCCGAAGCCCGCACCCACCTGGCCAAC
GCACAAAAGCTGTACGCCATGGCACAACAAAACCGCACCCGCGACACCCGTGCAGGAATT
GATTACGGACGTCAAGCAGCAGTCGAGCCCAACGCGCCAGCAAGTCAGCACAAAACGAC
ATCACCACTACAACAATCGCCACAATTCCGGTGGCGGAACACCGGTGCGATTGTACC
GGCATGGTGATCAACTCGATTCTCAACAGCGGCCGCGGTGGCGGTTTCTGTGGAGGCGGA
GGCTTTGGTGGAGGCGGTGGCGGCTTCAGCGGTGGTGGCGGTGGCGGAGGAGGTTCCGC
GGAGCCGCTTC

>naRXN01485-downstream
TAGCCTGAAACGAGCAAAACCAA

>naRXN01492-upstream
TGAAGTGGGCGGTTAGCTTCGGCGCGTGGCAAACCACATTTGCTGGACTGCAGGCATAA
TGGACAAAGACTTTTAGCAACAACTATGTGGAGGTGACAG

>naRXN01492

GTGACCACAACCTCTGTGGGCGGTTTCTGACCTCCATGCAGCGGTGAAAGCTAACGCTGAT
CCAATTGAGAAATATTCAGCCTAAGGATCCGTCGACTGGTTGATTGTTGCAGGTGACGTG
GCGGAACGTACCGAATTGGTGCTGGAATTTTGGCACGTTTGCAGGCGCTTTGCCAAG
GTGATCTGGGTTCCGGGTAACCATGAGTTGTTTTCTCGCTCCGCGGACCGCTATCAGGGG
CGCGATAAGTACTCTGAACCTGTTGAAGGCTGCCGAAGATTGATGTGTTGACTCCGGAG
GACCCTTACTTAACTTTGGTGGGGTTACTATCGTTCGGTTGTTTACACTCTATGACTAC
TCGTTCCGTCGACCTGGTTTACCCTGGAGCAGGCTGTGCAAGCGGCGCGGGATCGTCAA
GTGATGATGACTGATGAGTTTTCTATTGCGCCTTTTGTGATATCCGAGCGTGGTGCTGG
GATCGCTTAGCCTATTCCATTAAGCGTTTGGCAAGATCAACGGGCCAACAAATTTGATT
AACCCTGGCCGCTGGTGGTGAACCGACTTATCAGATGCGCTGGCAGGAAGTGCATTG
TGGTGCGGTACTGCCACACAGGGGATGGGCCGAACGCTACAACGCGGAAGCCGTTATT
TACGGTCATCTGCATATGCCCGGAATAACCAACGTCAACGGTGTGAAACACATTGAAGTG
TCGTTGGGTTATCCGCGCGAATGGGAGCATTTGGTCTGGGCAGCATGTGTGGCCATATCCA
GTGATGGAGGTGGACAATGCTGGA

>naRXN01492-downstream

TGAGTCTTTGTTTCCAAATTCGG

>naRXN01518-upstream

AGCAGAACCTGATGCCGTCTGCACGGCACGACCATTGCAGAACATGTGGATAATCTTGA
TCCCACAGACATTGAAGGTGTCACCAAGATTTAAGGAGTC

>naRXN01518

GTGGCTTTTCATGCAGAAAACGTCAGCGGGTTGGTTGATCGCAACGGGAGGTTTCTCGCC
GCTGTGTCCGCCATTTTACGCTGGCGTTTTTATGGATCCATGACCTCTATTTCATCACG
GTATCCATCACTTTTGGTTGTTGGCCGTGGTGTGTGGTTTCGAGGTGTGAAGGTCCAA
GGTCGCCTCGATAGGGGCTGATCGGCCAGGACAAATCCCAAATGAACCCCGTGACCATT
GCCTATCTGGCCATGCTGGGTGAGCGTGTGCGTGGGTGGCGCAATTTTCGGCGGCGTT
TATGTGGGAATTGGCAGTTATGTAATCCCACGCGCCGGTGAGTTGTCCGCAGCATCGAAT
GATCTTCCGGGAGTTATTGCCTGTGCGTGGGCGGAATCGCACTCTCAGCTGCCGGACTT
TATTTAGAGCGAAGCTGTGAGGCTCCGCTCCCAATCTGGCGAAGCGATCAGC

>naRXN01518-downstream

TAGATTGGAATTCATGAATCAAG

>naRXN01539-upstream

GAACAGCACGGTTGGGTGCCGAGAATTGTTGCGTCGTTTTGAACGCACAGGTGCAGCAG
CTCAGAATAATCAGTTTGACGATATGGACTTTTAAGGAGT

>naRXN01539

GTGGTGACAGTGGCTGGGAATGAGAAGAATAAGATACGAGAAGAGCGGGTGGCTCGGCGT
GCCCAGGCAGTCGTAGAGGCGGAGATTAGTCTTGCTGCACAAGCAAGTGAGCAGGTGCGT
GAACAAGCAGAGGCGCCTGATGTAAATGAACAGGTAGAAGAGGTTAGTGTGAGGTATCT
TCTGTCCAGTCATTAACCCAGCCTAAGACGTTGGGGCAGCTGCATGACCCAAGGAAAAAT
GTCATGAGTAGCAGCGACTTGGCTTCTATTATTGGTGTAGAGCAACAGCCTGTGCTTAT
GGTGAGTCTGAGGAACCAGAAACACTGCGTGATGTGTTGCCTCGGCGAAAGCTTACCCA
TCTGAGATAACACCGAGTTATGAGGTTGCTGATGGTGAACAGCGCAGCATTTTGGTGAA
TCAGTCCGCTCTGATTTTATGACCTCAGTGATGTGGAAGAATTTGATACCAGTCATTGG
GTGCGTGTGGACAAGATGATCGTAGTGATGATGATCGACTCGCTGATGAGGCTGGTGTA
CCGCGTAGTGGCGCACAAAGATGTAGCTGATAATGAGGCTAATCTTTCTGGTGTGGATGAG
CAGCTGCACATGCGTGAAGTCCATGCACAGAGTTTTGACCCTATTGACGTTGCCAAAAAG
GAACGCAAAGCAGCGGAAAAGAAGTATGCCAAGCCACCAAAAAGTGATAATCCGTACCTA
GCACGGGATGCCAAAGATGCAGCTGCTCGTAAGCGGAAGATCAATGCAGCTCATGATAAT
TTTGCCCAAGAGATGGCACAGGCTGCGATGGGACCACTGCGCAAAGGGGTCAACACTCAA
ACGGTGATGGCCGCGTGTACGACTGCTGCGGTGATGTGGTGCATGAGCCCACGTATGACC
GGTGTGAACGTGGATATGAAGCGCAAGTTTAAACAAGGATCTGGAACAGGCTAAAGACACT
AAGTTGTGAAGTATGTGTCAAAGATTTTGGGAAGTCAAAGCTGACGCGCGATAAGACG
GAGAAGGAAGCGAAGTCGCTCTCTGATGCGTTTATGCAGCAGAAAACAGCGATCATCAGC

AACCGTGAACGAATCCCCATGAGTGTTGCTTCTGCCGCGCAGACCGTGGTTCGGTTGTCT
 GATCAAGCGTATGAGGCGATGCGTGAAGTAGATACGGATGGTCAAGCGATAGTGGATGCG
 AAGGATGTCTCTGCACAGGTGGCAGAAGATATTGACATGGTGGTCAAGCAGGGTGAAGAG
 CATGGCCTGAAGTGAAGGATATTTATGGCGCTGCCCGCATATTGTGGGTCGTGCGATG
 GAGCGCATCCAGGCTATGCTGCCCGGTTAATGAGACGGCTTTTGGCACCGTGCCTG
 GGTGAACAACGACGTGGCATGGTGATTTCAAAGACCCCGACATGGCAATTCCTGATGGT
 GEAGGTTTGAGTAAAAACGCCGGCTGGTTTAGTGTTCTGTGAGCCGATGGGTAATGCGCAG
 AACTTCGCTGACAACCTGGCTGCGACTTTGGCGACAGAAATGCGGGTAGCTGGTGAGCAG
 TACGGTTCCGATGGCGTTCTGTGATGTAGTTGCCGGCTTCATGACAGCGACTGATGTCTCA
 GAAAGTGGCCTCGCTCTGCGAAGAACTGTTACCTGACTTTGATACACGTGGTTCGCAGT
 GCTTCTCGGGTGCCCGAGATTGCTATGGCACAGCGCACACAGGCAGCGATCAAGGTGTTG
 CAGGATGATGGTAATCAGACCCGCGATGACGACTGAGCAGGTCAAGGAGGTTCAAGGTATGG
 GCGATGGATCAGGCTGAGAAGGTGATGCAGCGTGATCATCCAGCGATTCTGGATAAGTTT
 GTGCGCAAACATGGGCAGACATTTGGGCAGGATGCGGACGCTTTTGTAAATCCATAACT
 ATGGA AAAAGACACGAGCAGCGAGTACACTGATGCTATGGTTTCGACCTCAAGAAAATCGT
 GGATCAGGTGAGAACTGGCAGCTCGTCGTGTAACAAGCAGCGCAAATCAATCAGGCA
 GCACAGCTGGATATGAATGTTTCATGATTTCCGTGAATCGAATCTGCCAGAGGAACGACCC
 GCGAATCCTTATGAAGCGTATGTTTCGTGAGACTGAAGCGAAAACCAATGATCCGCAGTAC
 GGTAT

>naRXN01539-downstream
 TAATAGAAAATGATAGAAAGAAG

>naRXN01549-upstream
 TGAATTCGGTTTCTAGATTTTTTTTATTGATTGTGAGAGTGCATT

>naRXN01549
 GTGGCTAATGATTTTATAGAACCAAATGATGCCCCGATGCACCTGATAATGGTGA CTG
 GGAAGCTCGGGGTTTGTGATGAAGCAAAAGATAAGACCCGCTCAGCTGCACAAGGCTTA
 GGTATGGCGCACTACGTGTAGGTTTTGGTACTGCAGCACTTGCAGCCAATGGTGCTCGC
 TCTATGGGTAATTTGGCTAAAACCTGTGGACACGAATGATGGGGCTTGCCTGTCTGCC
 GGTA CTGGTATCTTCTGCTGCCACAGGTGGCATGATCACTGCACGTGTAGGCGCAATGCTG
 GCAGGTACAGGCTCGGTGTTGTCTCGGTGACGACTATTGCGTTGATTGTGTGATGATT
 GTGGTGCCGGCAGGTGCAAAAGACGGCATTATCGAGTTGTGTGAGCCGCCAGTAACGGCC
 AACCCGTTTACCATTGACGCAGGTGATATGACTGAGAACGCGAAGTTGGTGTACGGTGCG
 CTGTCTGATCTTGGGATGAATGATCAAAATATCGCCGGTGTCTTGGGCACTTTGAGACA
 GAATCAGGTATCGACCCGACTGCGGTGGAGGGTATTTTTGATGAACCAAATACCATCGGT
 CCTCGGAAGAGAGCTGCGTGGGATAAGAACTTTGAACCTCAGCCGATGGGTATTGGGCTT
 GGGCAGTGGACAGCAGGGCGCACACAGATGTTGCTAGATTTTGCCGCCGATAGAAACCGA
 GACTGGCATTACATCGACGTGCAGCTTGCAATTTGCTATTAGTGGCGATAATGAAAGCGAT
 CGCAAGGTTTTTCTGGAATGGTTGATAATAAAAACTCCAGTAGCAATAGCCCCACCGCA
 GCGTCCGAGTACTTCCTGCGTGAGTGGGAGCGCCCGGCAGATGTGCGAGGTAATGCACCC
 ATTCGTGCAGAGCAAGCATCTAAGTGGTACGCGCAGATGGGTGGTTGGCAAAAGAACTCA
 ACCTTGGGTGAGTCTGTGATCGCTATGGCTGATGGTGCAGCAGCAAAATCCACGGCGGT
 GATGAGCAGGATGCTCTTAATGATTGTCTGAAGAGACCGCACCTCAGGTGGAAATACG
 TCCGCTGCAGAAGCAATGGTGACTATTTACATCCTTATCTGGCTGATTCTCGTGGCAAT
 GACGGTACTGATTTTACCCTATATCCATGATGAAGTGCTCACCAGGTGATCCGTATTAC
 GCATCCTGTGACCGTGGCGTTGCTACCGCTATTTCGCTGGTTCGGGCACGGATGATACGTT
 CCAGCAGGTCCAACAGCAGCACAGTATGAATACGTTGTGGGCACAGGATCGGGCCGTTGG
 GAGGAAATCGGCAATCTTGCCACCATGTGAGAGAACGATTTGTTACCTGGCGATGTGCTT
 CTTGGTGCACCGAATCACGTTGCGATGTATGTGCAATGAGGTTGTTGTGGACATGTTG
 GGCCCTGGTAATGCAGAGCCTAATGCAGCTATTGGTCATGCATCGTTGAATGACCGCTCA
 CCTGGTCTGGATACCTTGAGTCTGGATGGATGGGGCGTGAACCTCAAGGTGTTCCGCAAC
 ACCCAGGCTGAGACAACTCAGTGTTCTCTGGTGTACAGATTCCGGCTGGTAAAGAAATT
 GGCGAAATGACTAACCAACTCGAACTACTCCTGCAGGA

>naRXN01549-downstream
 TAAGTTTTTTTCATCGCTGGGTT

naRXN01557-upstream

TAAAGGTGTGAAAATAGTTCCTCACGTGGGGAACATACTGATCCTTGATGCGTTAACTT
GATTGACGACGAAAAATCAATTGAAAGGATCGGGGACTCC

>naRXN01557

GTGCGAAGCAGCAATCCCGTTTTTAGTTCCCTTAAGGAACTCAACGTCCACAAGGCCAG
AACCCTACGGTGGTTACGACAACCTTCGGTGGTGTCTACCAGCAAACGTAGCTCCACAG
AAGGEGGAGGEGGCAATGAETGTGGATGATGTGATEAEEAAGACTGGTATCACTETCGCG
GTTATTATCGTTTTTGCATTGGTCACCTTTGGCGTGTGGTTGGTTAGCCCCGGCCTCGGA
ATGATCTTGACCTTGTGGTGCCATCGGTGGTTTCATCACCGTTCTGGTCAGCACCTTC
GGCAAGAAGTACGGATCTGCGGCAGTCACTTTGATTTACGCAGTATTCGAAGCCTCTTC
GTCGGCGGAATTTCCCTTCTGCTGTCCGGCTTCACAGTTGGTAACGCCAACGCAGGTGGC
CTCATTGGCCAGGCAGTCTTGGCACCATCGGTGATTTCATTGGCATGCTGTTGTATAC
AAGACTGGCGCTATCAAGGTCACTCCTAAGTTCAACCGCATCCTCACCGCATGATGGTT
GGCGTCTTGGTTCTTGTCTGGGCAACGTTGTATGGGCACTGTTCACTGGTGGCGCAAGC
CCATGCGTGACGGTGGGAATCATCGCGATTATCTTCTCCCTCTTCTGCATCGCCTGGCA
GCATTACGCTTCTCTCCGACTTCGATGCAGCTGACCGCCTCGTCCGCGAAGGTGCACCT
TCCAAGATGGCATGGGGCGTTGCGCTTGGTCTTGCACTGACCTTGGTCTGGCTCTACACC
GAAATCCTACGCTGCTTAGCTACTTCCAAAACCGC

>naRXN01557-downstream
TAGTTTACGCAGCACAAAGACCCC

>naRXN01574-upstream

AAAAATCCGCACACCCACATTGCTCAAAGGAATTGACAAGGCGCTTCGCAAGGCCGAGT
AAGGTGGGCAACGAGTCGGTGAGAGTATGAGGAATATTTG

>naRXN01574

ATGAGCAACAAACGCATCGGTGTAGTGATCGTTTCCTACGGACACGAACAAGATGTTGCC
AACCTGGTAGACACATTTGCAGATCAGCTGAAAACCTGGTGACCGCGTAGTTGTCGTGGAC
AACCGCAAACCTTGGGTGTTAAAAGACGCCGTGGGGGAGCGCCTGGAAAAACACGGCGCA
GAGATCATCAACCACGACAACGGTGGTTTCGCCGCTGGCTGCAACGTGGGCGCAGCGCAC
ATCGTGGATGACGTTGACCTGCTGTTCTTCTCAACCCGACACAGTGATCGACGATCCC
ACCCTGTTCAATTCGCTGAGACGCGTCGATGAACAGTGGGCGAGCTTCATGCCGTACCTG
CTGCTTCTGACAGCACCATTAACTCCGCAGGCAACGCCCTGCATATTTCCGGACTGTCTG
TGGGTGACTGGTCTGGATGAAAAACAGTTGAAGGCTCATCTGAAGTTACCGATATTTCC
ATTGCCTCTGGCGCCTGCCTTGCCGTGCGCGTGGACTGGTGGAACGCCTCGGTGGCATG
GAAGAACTGTATTTTCATGTACCACGAAGACACTGACTTCTCCGCCCGCTTGCTGCTGGCC
GGCGGTGCAATTGGTCTCCTGCATTCCGCGTATGTACCCACCATTACGACTACGCCAAG
GGTGACTACAAGTGGATTTACATCGAACGAACCGACACGTTTTGCTGCTCAGCGTGCTG
CCGCTTCCATTGCTGTTGCTGCTGATCCCGCAGATCCTCGGTGTGAACCTGGGACTGTGG
GCGATTGCCGCAAAAGGAAAAGAGGGTCGGACTCAAGGTGAAGTCCCTTCGCCCTCTGATC
CGCGATCTACCAGCGATTTTCAAACCTGCGTAGGAGCACGCAGGAGCTTGCCGAACTCACA
CCATCGCAATATCTGGCAAAAATGGAATGGCGCCTAGACAATCCCAACCTAGGCAACATT
GGATCCAACAAGATTGTTGCGACTGGATATAAGACCTATTACAAGTTGTGTATGAGTATC
CTGAAATTGCTCGCT

>naRXN01574-downstream
TAACACCCCATAAAGAGGGTGAA

naRXN01589-upstream

AGGGATGTAGATGCGCCCTCATATTGGTACAAAAATATAAATTATCAGCATGATTGGAC
GCTTTAATTCAAAAATGTAAGCTGTTAGGAGGTCCACAA

>naRXN01589

ATGGTAGAACAAATAAAAGATAAACTAGGACGTCCCATCCGTGACTTACGGTTATCTGTG
ACAGATCGGTGTAACCTTTAGGTGTGATTATTGCATGCCTAAAGAGGTATTTGGAGATGAT
TTCGTATTTTTTACCTAAAAATGAACTGTTAACGTTTGATGAAATGGCTAGAATCGCTAAG
GTATATGCAGAAATTAGGTGTAAAAAAAATACGCATTACAGGTGGAGAACCATTGATGCCGA
CGCGATTTAGATGTACTTATAGCTAAATTAATCAAATCGATGGTATTGAAGATATTGGT

TTGACTACAAATGGTTTGTATTAAAAAGCATGGACAAAAGTTATATGATGCTGGGCTA
 CGCAGAATTAATGTCAGTTTGGATGCTATTGATGATACGCTATTTCAATCAATCAATAAT
 CGTAATATTAAGCGACTACGATTTTAGAACAAATGATTACGCGACGTCTATTGGTTTG
 AATGTAAAAGTAAATGTTGTTATACAAAAAGGTATTAACGATGATCAAAATCATACCAATG
 CTTGAATATTTTAAAGATAAACATATAGAGATTCGATTTATAGAATTTATGGATGTTGGT
 AATGATAATGGATGGGATTTTCAGTAAAGTTGTAAGTAAAGATGAAATGCTTACAATGATA
 GAGCAGCACTTTGAAATCGATCCTGTAGAACCAAAATATTTTGGGGAAGTAGCAAAATAT
 TATCGCCATAAGGATAATGGTGTTCATTTGGTTTGATTACAAGTGTTCACAATCATTT
 TGTTCTACATGTACACGCGCAAGGCTGTCATCAGATGGGAAGTTTACGGATGTTTATTT
 GCAACTGTCGATGGATTTAACGTTAAAGCGTTTATTCGTTCTGGCGTGACCGACGAAGAA
 TTAAGAACAATTTAAAGCTTTATGGCAAATAAGAGATGATCGATATTCAGATGAGAGA
 ACTGCTCAAACAGTTGCCAATCGTCAACGTAAAAAGATAAACATGAATTATATTGGTGGT

>naRXN01589-downstream
 TAATGTGTAGGGACCACTACATA

>naRXN01590
 TGGGGTCAAAAAGATCACTGGGGCAAAGCTCCACTGGGTGATCACGATGCTGTGCGTATC
 TATAGGCAAGCAGAAGCCTTGATGAAACAGCGCGCAGCAAACAATAAGGGCTTAGACCTC
 AATGATGAAGCGACCTATGGCGCCATCATGTTGCGTCTTTTCGATGATGCCTTCGCCGCT
 GATGCCGAAGCTCATGGCTGTGTACACCGACCACAGTTCGCGAAGGTAAGTAGGCGAAAT
 ATTCTTAATTCACCGCAATACACGGCGATTAAAGTCATCTTATGACGCGCTGGTGCAGCAG
 GATCTCGTGGCCCAACAGCAGCAGGCACAAGCGCTACAGCAAGCTGCTTATGAGCAAGAG
 CAGGCAGCTATTTTCCAGGCACGTGATCAAGCAACATTCCAGGCTGAACAAACGCTCGCG
 CAAGAGTCCGTTCCGCAATCAGAGGGTGTGGGTTTACCTGTCATTGATCCGATGGAGAGC
 TATTTCCGGGAGTACGCCTTCTATGAAGGTGTGAGATGTTTGGTACCTGGGGTACGCAC
 GTTGATGCTGGTGTGTCGAGTTTAGCACCTCTGATGGCCGTGCGATCCGAGCGCTTGTT
 GATGAGCATCTCGCAACCTATGAACCAGTAGAGCAGCGGGGAGTACTCAGGCATTCTTC
 GCCTCTGTCAATGCTGCCTTTGCTGAGGTGGCACCTCACGCAGCACCCATGTTTAGTGCG
 ATTGCTCGCGAGGGTGAGGGTTCAAAGGGGTACCAGGCGCTGCGTCACCGTTTCGACAAG
 ATGGTCCGCACTGCAATTGGACCTAATGGTTTGCCTGAGGGACCTGATCTGGGTGGTCGT
 CGTTTACCTATTTTCGCTTATGATCCACGCTGGTCAGACCGCGAAGTAGTCCGTGTGCAC
 GGTACCAAGCTGCTATCACTGTCCGAAGAGAGTGTGGCATGATCAGGGACCTTGATCTA
 GCAACGATCCACCTACAAGATAATGATGTTTACGAGGGCACTCATCGAGAAGACGACACT
 AAAGGCGGTGTGCGACCGTTGACTCAATGGGTCAATGGTGAAGCTATTGCCTGGCGCACT
 ATCACCGAGAATGACCAGATGCGACTGCCCAATATTGGTCAGTTTATGACGGCTAAAGAA
 TACCGTGCCGACGCTCATGGCTGCGTGCTGGACTCATTGATACCGCAGATGTTGCGAGT
 CAGAAAATTGACCCCAACAAGGTATGTCTGATGAGGGTATCGCGCGCTCGGAAGCTATT
 TTGACGTATCTGTGCGATGAGGGTGTGGATTTTAGGATCGAGCCAGATCGTGAGCCGGGA
 CAGCTTAAAGTGGCTATTGAGGGCACCCGTTTATGATTTTCGCTCTACTGATACTCGCGCC
 AATGAACAGTGGGTGGGTGCTGTCTATGATTCTGGCACTGTGATTAAGTATTCGCCGAA
 CAAACACGCGAAGAACGCTCTACGAGCTCGTGAGCGCATGGAGAACGGTGATGGAACGTGG
 ACACCGGCTACTGATTATGAACCAAGCCCACTGAAGTTGTGATCTCGTGAAATTTGCT
 CTCGGTTCGAGAGGTTGAGCGACAGGATGGCAAAGGTCTTGTGGTGTGCCTAATGCTCGA
 CACCCACGTGCTTTAGAGCAGGCACAGGATGCATATTTACTAAGAATCGTTCGCGATTC
 ATGGTGCCTGAAGGGCTCTCGATCGTTGAGGATGCAGTGATCGAAGTGCTGGTCTGGA
 AAGTGGTTTGATAATGAAGCGAAAGCATCGGAGTGGCTTGGTAACAATATCGCCCTTACT
 CGTGCGCGTGTGGCCGAAGAGCTCGGCGTTGAAGAACTGATTGCGCTTTCTGCACAGTAC
 GCCGATGATCTGACTTCATGCCGGCTTTTGTGGTGAGGATGAGCTCATGGCGATAAAG
 CAGGACTATTGGGCGATGCTGCGAGGTGAGGAAACCGATCTGCTTAACCCCTGGGGTTAAC
 CGCGATGATTATATGGCTGCTATCCGCGATGGTGATCATGAGCAGATTGCTGCGATGACC
 TCAGCAATGAATGCTGTGACCGTGGAGGATCGTGTGCGTCAGCACGCGGCCCTTGTCTT
 GATGATTATGTGCGCACGGTGGAGCCTGATCCTGTTACCGGCTTGCCTTTTAAATCCGGTG
 ACAGTTGCTCAGCACATGCCGAGTGCTAAATCCCTGTGGTCAAACCATGACGATATTATT
 GCCGCGTTGCGAGCGACTTCGATTACTGGCGATGAAGTGCAGCGGTGACGAATCTATAAC
 GATGTTATTAATCAACAGTTGCTCAAATTTAATCCTGAGACCGCGCAGAAAATGGTTAAT
 AACCTGATCTTGACCCGAGTTGGCTCGATTTGGCACTGTGATTGCCGAGACTATTTCC
 CGCAATGGTGTGATGTGGTGCATATTGCTGTTGACGATAACGGTGTGGTGCAGTGGACC
 GCACAGCGACGTTGGTGCAGAGGATAGTCTGCGAGTAGATAGTAAGGGGCGAGTTCCG
 GGTGAACGCAACCCGTCATGTGCAGGGTGAGATAGGTGAGATTTTACTCGCGGTGAGCAT
 GGTGAAATTGTCACCAAATTTAATGGTGGCGAGAACTATATGTTTGGCCCTGGCTACACC

CGCTCTGTGGTACCACAAAAGCCTGGTGAGACAAAGAGTTTAGAAGAGCGTACCAAGCTC
AAAGGCTATGAGCAGGTGATGTGAGAGGCGTTGGTGACCGTGTGCGAGAAGATTTGATG
TTCCTGAGCGATCCCGAGTGGGTGCTACAACCAGCATCAACAGTGCATATAAGCGACTG
TATGACAATCGCTTCCCTGTGGACTTCTTCGAGCGCAGCGCCGAAGAAGGTTTGAGCGAT
GAGTGGCGTGCTGCGTTGCTTGAGACTGCGAGTTTGCCTGTGCGCTACGACAACCTCTATT
CGTGATGGTGCGAATGTGATGGAGGATATTTCGAGCACAGCAGCGTGGTTTGATGCGCGT
AATGATAACTCCCGTGATGCGCTGGTGCTTACCGGTGGGCGTAACATTTCTGTACTTGAT
GTTGATGCGGGTAAAGGTTTCTTTGATCCCATGATGACTGGTATGGCGGCGAACCAGGGT
TCTGTTGCTATTGTTGCCTTCTGCGAAGGTGGGCGCTGATGGCATGATTACCCCTGGT
GATCCGGCTGATCGAGTACCTGTTGCGAGCGCATCCAGAATCATGGGCGATGGGCTTTGAC
CCACATGACCGTCAGAACATGACTTTCTCGAACATCATGCAGGCTAGCGCTGTGACTGGT
GGTGACGCACTGCGATGATACAGCTGGGCGGTGGAACTTTGAAGATGGCATTATTGTC
TCTGCCGATTTTGCGAATACCCATGTTATTTCGCGATACGGAAGATGAGATGCGCCCTTG
GTTGCCGGCGATAAGCTGTCTGATTTTACGGTAATAAGGGTGTGACCGCTCTTGTTGTT
GATCCAGCGATGATGCTGATGCACGTGCAGCAGGGCTGGAATCAGAGGTGGCGTTT
TTCCGAGACAACCTGATCTAGAGGTTGTGATGAGTCCGTTTTCTGCCATTTCTCGTTTT
AATGGTGGCAGCGCAGTGAGCTCATGACCAACCCGAGGATGTGGTGTTCAGGAATAAT
GATGGTTCTACTCGTGTTCAACCAGGTGCCTCTGGTGATCTCAACTTCATCGTCACGCAT
ATGGCTGTTGATGCGAAAACCAATGTCTATGATGAAGAAGCTGTTCTGTGAGGGCCAAGGA
CGTAAAGCGCTCTCTCAGCTGGCGTGGGTGCTCCAAGCCCAGGAATGTCATGAGATTATG
GAGCACTTTTATGGCAACAACGTCTCTGCATTGGCTAACTTCAGGAATATCTTCGCGTC
ACGGGGCTTGATGTACCCCGTATGGTGAGTTGCGCGAGGGGTTACGCGAGTCCAATGAG
CAGCGCAATATCATCGAGATGCCAAGCATTACGATGAGAACGGTGAGCTGAATAATCGT
GTTAATCGTGACAGGTGCGCGAAGCTTTTGTGAGCAGATCAGTCGCGCTGGTGGTGTT
ATGGAGATTCCCTTCCAGTTACAGTTGCGCAATGGTGACAGCTAGAAGAGTCACCTAAT
AATCCAGACATGTATCAGTTGCCACTACTGAGCCCGCATTTGCGCAGTGATGAGGATTTA
GCGGACGGTAGTACCTCTCGACATGAGTACACCACGCGGTATATGGCTATTTTGTATACG
TGCTACAAGCTGGCAGAAGAGCAAGCCAAGATTGACGCATTGCGCCAGGAGGAAGCGCAG
CACGGCACGTTGCCCTCGTGCTGCGGAAAAGCGACTGAGCGAGTCACAGAAGTTTGTTGAT
CAAGCACAGAAAAAGGTGCAGGCAAGCTTTGATGGAATTGCTAATGATATTGTCGCCAGC
CGGATCGAGACCAAGAACAATGTGTTCAAGGACGGCTTTATGTGCGCGCGACAGTCACAC
TCCGCTACTGCTGTGTGGACAGGTGATCCACGCTGTGAGTTGATGAAGTAGCCATGAAC
TCTTCGATGGCAGCTGAACCTCGCGCTTCTCGATAACGGTTATGCAATGGTGCGGTGAT
CCGGTGATCCGCGATGGTGGTGTGCGCTATTTGCGTGTTGTTAATGATGATCTGCAC
GGTGTGGCAGTCAACCTGTGTGCGTGAAGAGCTTTGACGGTGACTTCGATGGTGACTCT
GTAGGTCTGGTCGGCAATCTGCCGAAAAGGCGCATGAGGAGGCATTGTCCAGGCTCACA
GTTGAGGCAACATGCTTGATCTTGGTGATGGTAAGCGTATGGAGGACGGCACTATGTTT
TATGGGCTAACTTGCATGACAGCCTCGATGTACAGGTAGCGCAGCACCATGATCCGGCA
ATGGCCGAGAACATGAAGGTTATTGTCTCTGAGCTTAACCGCTACCAGCGTGAATACGAG
GCCGGCGAGATTAGCCGCGAAGAATTGCTAGAGGTCAACCGTGACACATGGATGATCTC
AATGAGCACTATGCACAGGCTTTTGCCAACCGCGATGGTTTGGTGACCTTGCGTTTTGAC
GGTATGGAAAACCATATGGCTTCTGTTGCGCAGTGCTTCGAGACGGGTGCGAAAAGGTTG
CCTGGCAAGCTGAAGGAATATGCCACCTATATCGGCGCTGATCCGGCGCAGGGTTTTAAA
GACGTAGGTCAACCAACGCCAGAAGCGCTGCGTAGCCACTATGAGGGTTGCGAGAAGGCG
ACTGCAATTAAGGTGCTCTTTACCGGTGTGGCTGGTAAAAAAGAGCAGGAAATGGTGGCA
TTGTGCCGCAATCTTGGTCTGACCAAGGAAGCTATGGCTGCATCAGCACCGGCACAGCAG
TCGATTCTGCAGGCGAAGCACGACCCGATTGACGCGCTCTATCGTGCAAACTCTTATG
GGACCAGTAGGTGATCTCTACCAAGGTGCGAAGATGCGTCGTGGTGAGAATGAGCAAGGT
CGCTATGAGTGGGAAGTCGTTAGGGACGAGAACCACCAGCCTATCCAGGCCACCAAGGAT
GAATGGGTACAGCAGTACATGGAGATGTACGCCGATGACAAGGGTATGGGTGTCTCGGTT
GGCGTTGACCAGGTGGAGAAGATCGCGGAAGAATTCTCTGATGAGCAGGGTTATATGCGT
GTGCTTAGCCATGATGAGCTACCCACTGAGATTAAGCCACTAGCACTTGATCAGCTTGCC
TATGGCGATAAGAAGAACCCTTTGATTTGTTGTGCGAGATGGCAAAGCAGCAGGTCAAC
ATCTACGACGGTGATGCTTATGACTTTGCCCTCGTGTTGGTGCGCGCAATATGAAGGCA
ATGGAGGATGCAGCGGTTTTGGTATCCCTGATGTGGAGATTGATCGATTCTGCACAG
CAGTCATTGGCGAGCTTTGAGCGAGTCCCACAACGTCTGTTTTCCGTATTGAGCGTCGT
GTGCCGGCAGAAGTAGGTACAGGGATTGCTGCACCAGCACCGTTACCTGATGCAGGTGTA
CAGGGGAATTATGTTTCAGCAGCAGGTGCCGCGACCCCGCCAGTTATGCCGTGTACACCT
CCGGCACAGCAACCTGTTTGCCTGCTCAGACGACTTCCGGGGCGTTGGTCAGCCACTC
GACCAGGGCGGAAAATCGGGAATTATGGACATCAGGGACCTGCAATGGGGGCGCAACAG
CCAGTTGTGCTCAGCAGCAGAATATTCCGCTGTGCATAATCCGGTACCACAGAATTCT

GTTCCGCTACTCCGGTTGTGCCGAAGCCAGGTACAGGAAACCCGTTTACTCATGGTGGT
GCGAACAATCAGTTTATGGGTCGATTTGATACAAGCCGTTACAACCAACAGGAACCACCA
CAACGACAGGATGGCGGGTTTGAGCTC

>naRXN01590-downstream
TAAATAATGGCAGTAGATTTTCAG

>naRXN01592-upstream
GATTCAATGGTAGAGGTATTTTCATTTCTCCCATTTGGATCACACTCTTTTGTGCGTTCTA
TAATAAAGTCTTTACCCGGTTCTCAACATCAAGGAACAAC

>naRXN01592
ATGGCTGATAACTTCGACCGCTCTCGTGACAACGATCGCTCAAGCGACCGCACTCCTCGT
GGAGACCGCGGCGATCGCGGTGGCTACCGAACTCCCGCGGCAACGATGACCGCGGAAAC
TACCGTCAAAACCGAGATGGTGAATCACGAGATCGCGGCGGATACCTCGGTGACCGTCGC
GACAACCGCTCAGGTGAATATCGTCAACGTGACGATAGGCGTGACGATCGTAGGGACAAC
CGAAGCGATGACCGCGCGGTGGTTACCGCTCCGATCGCAACTTTGACGATCGCAACAGC
AACATGCGTGATGATCGTCGCGGCGGCGACCGTTCATACAGCCGTAATGATCGCTCCGAT
CGTGGCTATCGTAGCAATGACCGCTACGACCGTAATGATCGTCGCGATGACAACAGGGAC
ACCAGGGGTGGCGATCGCGGAGACCGTCGCTACGACAGGCGCGATGACCGACGTGATGAT
CGTCGCGATGATCGTCGTGGCGGACAGGGCCAGGGGCGTCCAGGTGGAGATCGTCGACAT
GCGAACCGTGACGGTGACGGTCGCGATCAGCAGCGTGATTTCGCTGCATCCACAGCGCGCT
GGTTTCCGTGAAGAGCGCTTGAACACTCGTCTCAATGAGCCTGATTGCGCGGCGGATATT
GATATCAAGGACTTGGATCCTTTGGTCCTGCAGGATTTGAAGGTTTTGTCTAAGGACAAC
GCAGATGCCGTGCGAAAGCATATGATCATGGCTGCGACCTGGCTGGCCGACGATCCTCAA
TTGGCACTGCGCCACGCCCCTGCTGCGAAGGATCGCGCGGGACGCGTGTCCGTCTGCGT
GAGACGAACGGCATTGCTGCTTACCATGCTGGTGAGTGGAAGGAAGCTCTTTCGGAGCTT
CGTGCTGCGCGCCGATGTGCGGTGGTCTGTTGATTGCTGTGATGGCTGACTGTGAG
CGTGGCTTGGGTCTGCTGAGAAGGCGATTGAGCTGGCTCGAGAAGAGGATTTGAGCTCT
TTGGATCAGGATAACCTGATCGAGTTAGCGATTGTTGTTGCTGGAGCACGCCATGATTTG
GGTCAGCATGACTCTGCGATTGTGGAATTGCAGAAGGTTAATCCAAGCTTGAAGAGCACC
GGTTTACCCATTCTCGTTTGTCTTACGCTTACGCCGATGCGCTTGTGTTTGGCTGGTCTG
GGCGATGAAGCACGTGAGTGGTTCCAGCACGCTGCCACCTTGGATGAGGACGGCTACCTC
GATGCAGAGGAGCGTATCGAGCAGCTCGATAATGGGAACAAC

>naRXN01592-downstream
TAGACTATTGGTCTAGAGTGTA

>naRXN01597-upstream
GAGTAGAACCACTTCTCGCGCCAGTGCTAAGAGTTTTCTTGGAATTTTTTAGGCGCGC
CTCCACCAAGGTTGAGACTTTGGTTCCACAATGGGCTGC

>naRXN01597
ATGAGTCTGTTCAACCGCAAAGCCGACCTGCCCGGCTGCAAGGTGCCACCCGAATCTGC
ACCCCGCAGGGCAAAGGGCTAAAGCGCCTGTCCGAAGGCGATCTCGCAATCATTGATGCA
CCAGATCTATCCAGGACCTTCGCCCAACGATTGCTAGCAGCAAAACCCGCCGAGTCCTC
AACGTTTCCCGGTTACCAACCGGATCGGTGCCCAACTTTGGACCGCAAATGCTTATCGAC
GGCGGCATCCAGCTCGTGGAAGGCTTTGGCCAGGAGCTGCTCGACGGCACCAAAGACGGT
AAGAAAGTGCCTGACAGAAGATGGACAGCTCTTCTACGGCGAACGACTGATCTCTAAC
GGCAGTGTTCTCAGTGAGCTGCGGCTGAAAATGCATTTGCAGACGCCCAGCAATCACTG
CTGGACCGCATGGAAGCCTATTTGCGCAACACCATTCAGTTTATTCACTCAGAAGCACCG
CTCCTGATCGATGGCCTCGGCATTCCCGATACCGGAAATGCCATTGAAGGCCGCAAAGTT
CTCATTGCCTCACCAGGGGATAACCACCGCAGCAGGCTCAAAGAATCCGAGCTTCATC
CGCGAATACGATCCAGTACTCATCGGTGTCGATGGGGCAGCAGACACCTTGGTGAATTG
GGGTACAAGCCCGCGCTGATCGTCGGCAATCCCACTGGTATCGGCGCAGATGCGCTGCGC
AGTGGCGCCAACGTAATTTTGCCAGCTGATCCAGACGGCCACGCTGTTGGTCTGGAGCGC
ATCCAGGATCTTGGCATCGGTGCGATGACCTTCCATCCTCAGTAAATTCCTCCACGGAT
CTGGCGCTCCTGCTTGGCGATTTCACACAACCCGAGATGATCGTCAACGTCGGCGGTCTC
GTCACCCCTTGATGGTGTTTTTGAACCCGAGAAGATTCCGATCCCGCGCGCTTTTGACG

CGCGCCAAGCTAGGCACCAAGCTTGTGCGACGGATCCGTCATCGCAAGTCTTTACACAGTG
CGCAGCTCCAGCAACCTTGGATGGATGTGGGCACTGTTAGCCATTTTGGTGGTTCTTGCA
GTCGTGATTGTTATCGCTGGCACCAGGATCAGGCTCTTTTACCGACAACCTCATTGAC
ACCTGGAACAGCTTCGCGCTGACAGTGCAGGGTTGGTTCAA

>naRXN01597-downstream
TAGGAAGGCAACATGGCTAAACG

>naRXN01598-upstream
CGCTGGCACCGCAGGATCAGGCTCTTTTACCGACAACCTCATTGACACCTGGAACAGCTT
CGCGCTGACAGTGCAGGGTTGGTTCAAATAGGAAGGCAAC

>naRXN01598
ATGGCTAAACGCTGGAAGAGGGCGCCGCAACCTTCGCGCACTGGGATTTGGTGCAGCA
GCCGGCATTGCCCTTGGAACTTATGTGCTTGACCCAACCTTCCTGAAAACATTGACCCA
AATGCACCAACATCAGCTGAATTAGTCGAGGCAGAGACCTTGGCTGAGGTTAATGCGGTG
CAGGCCGATCAAGCAGACAGCATCATTGACCACATCGTGGAAGACGTGGTGGCTGGCACA
CTGACCGATCGCCCCGTAAGTGGTGTGCGCACCGCTGACGCTGAAGAATCAGACGTTGCC
GATGTGTGATGGCTGTTGCAGCAAGCAGGAGCTATTAATGCTGGATCCATTACACTTGAG
GAGAATTTCTTCTCCCAAGACGGCGCGGACCAGCTGAAATCAATCGTGGCAAATACGTTG
CCTGCAGGCGCTCAGCTTTCTGAAACCCAACCTGGATCCAGGAACCTCACGCTGGCGAGGCA
CTTGGTGCCGCTTTGCTGCTCAACCTGAACTGGTGAACCACTAGCCAGCACTGCAGAG
CGCGGACTATTGCTCAACGTGCTGCGCGACAACGGTTACATCTCGTACGAAGACGGCACC
ATTTTGCCAGGCCAGGTCATCGTGATGATTACTGGCGATAGCGACGGCTCAGGTGATGGT
GCCTTCGCTGCAGAAACACAATCGCTGTTTGCTCGCGCACTTGACGCCCCAAGGATCAGGC
GTGGTGGTTGCAGGACGTATTACACTGCTGCTGATACTGGAGTTATTGGACGGCTTCGT
GCCAACCTGATGCTGCAGAAACGTCTCTACAATTGATTCCGTGAATCGTACTTGGGGC
AAGATGGCTACCGTGTATCAGTTTCGTGAGGAAC TAGCCGGTAGGTCTGGAGCGTTTGGT
TCCGCTGCCTCCGACAGCGCGCAAGTCCGTCTCTCGATGGAACCTGCAGCAGCGCCAGCG
CAG

>naRXN01598-downstream
TAGGTTTTCCAAGCCTTTAAAC

>naRXN01618-upstream
GGCCGTGCGCGCCTCCAGCGAGCCTGGCCGTGCCGGAAGTGTCTATTCGTTTCTAAAC
GTTTAAGGCCCATTAGACCCCTGATTTAAAGGATCTCAC

>naRXN01618
ATGATCATTATCGGAGCAGTTTTCGCCATCCTCGCAGTTCTACTGCATGTTTTCATCTTC
TACATGGAATCATTCGCATGGACTAGTGAGAAAGCAGTGAGATTTTCGGCACCAACGAA
ATCGACGCCGAAAACACCAAGGAGATGGCCTACAACCAAGGCTTCTACAACCTCTTCCTG
GCAGTCATCGCCGGCGTGGGTGTTGCGTTCTCTTCGCTGGTTCAACTGGCATCGGCGCA
GCCCTCGCACTCGCTGGCACCGGTTCCATGCTGGCAGCCGCTGCAGTGTGGCTTTGAGC
TCACCCGACAAGCGTGGTGCAGCCTTCAAGCAAGGCACGTTCCCGCTGCTCGCAGTGGTG
TTCCTTGTGATTGGATTGCTGGTT

>naRXN01618-downstream
TAAGCAGTTTTTTAAAGGAACCTT

>naRXN01634-upstream
ATTGGATCTAGGAAAAATTATGAACATCTCAAAGCTCGGACTGAGGATCGCGGTCACAGC
AACGGCGACCAACGGCGCTTGCCCTCGGTGGCACGCAC

>naRXN01634
ATGGCAGTTGGTCAAGAACTGATCTGCTCAACGCTATGGAAACACTCGCTGGGGTTCCC
TCAGACTTGGTGGTCACTGAAATCCTCCCCGATACCACCAGCTATGACAATTTGAATTC
TTTGAAGTTCACAACACCGGCAGTGCACCCGTGACCATTTGGGGAAGGGAGTACACCTTC

GCCTATTCCCTTTGACGATTCCGCCGATACGTCCCGCGACAAGGCACTGGATCTTGGCGGG
GAAGTCACGGTAGATGCAGGCGAAACCATTTGTGGTGTGGATTGAGTACTCCAGTTCAACT
GTTGATACCGCTGCGTTTAGTGAGCAAGACTTCCGTGATTTCTACGGCATGGATTCCCTCA
GCCCGCATCTTCCGAGCAACTGGCCAGGCGGGTCTCGCTAACGGTGGTGATCGTGGCATC
CGAGTTCTGTACAATGGTGAAGTTTCTGGTTGGTCCCACTACCCATCAGATAGCGCAGCG
GTTCAAAAGGGAATTGACTTCGCGCTGCCAAAAGTAGGGGAGCAGGCCAGCATTGCAAGT
GCGCACCAAAAC

>naRXN01634-downstream
TGATCCAACCTCCAGGATCAATTA

>naRXN01635-upstream
AGGGAATTGACTTCGCGCTGCCAAAAGTAGGGGAGCAGGCCAGCATTGCAAGTGCGCACC
AAAACCTGATCCAACCTCCAGGATCAATTACTTCTGATCAAG

>naRXN01635
TTGATTCCTGGCGGATTGGACACTCCAGAAGAGCCTGAAGCCCCTGAAGACTCTCTTTTT
GAAGGGCGCACTCCCCCTAGGGATGCAAGCACCCGCTTGATCCTCACTGAACCTAATGGTC
AACTCCACCACATGGGCGAGTTCTGATGGTTTTGAGTATGTGGAAATCACCAACACTACT
GCCGAACCCATCGATTTTTCCGATTACACCTTGAACCTGTACCCGAGGATGAGTTC
ACCAACACCAACGAAGCCGTCTGGGCTGCGGAACCTGGTGATGTCATTATTCAGCCTGGA
AAATCTCTCGTGTTTTGGATCAAAAATGGCCCAATGATGAGGCAACCGCAGCAGATTTT
AATGCAGAAATATGGCACCAACCTGGAGGCTGGAAAAGACCTTGTGAAATCTCCTCAGGT
GGGATGGCCATGGTACTGCCAGAGGAATGCAGATTGAGACCAACACTGGCCACATAGTC
AACCGTGGTTTCTACAACATGGCTGGCGCTTCTGATGTGAAAGCCAACGAGGGTCTTCAT
TTCGAGTGGATGAGTCTGATCTTCTGAAGCAAACGCTTGTGCGCAGCGGTGCGCCAACC
CCGGGCACTGTGTACACTTCGAGATTCTTAATCCACTGTCTGCCGTTATCGCTGATTCT
TCTGTACCACTCATCACAGATAATACCGCAACCAGTATCAACCCTGCGGAGCCGTTTACC
TTCGCCTTCAAATATCACCGA

>naRXN01635-downstream
TGATGTCCAGGTGCGCACGGCAA

naRXN01638-upstream
AGGCATCAAACCCACAGCACAAACCACCAGGACGTGCCACGATGTCCATCCGTGGTGAAAA
CATCGGTGTTGCACAGATGGCACCGCATAGGTGATGACTC

>naRXN01638
ATGAGCACCCAAACAATCACCATCACAGTCCTAGAAACCGCCACCATCTTTGACGGCCCT
GAAACCATCTACCGCTATGACCTGGCTGCCGAAGGCATCCTTGATGGATGGGCTCACTCT
GCTGTGCTGGATCAAGTGAAACAAATAGCAGGTGAAAACCTGGCCGACTGTTGAGATCGTG
GTGGATGGCACCGACAACGTAGTCAATGCACTCACCTCCATGTTTGCTTCCAAAGGCGTG
ACCTGCGGTGGGGTTGGAGTAGAAGCACCTCCCGTTGCGGAGGAACCACCGAAAATTAAA
CGGCCCACGAGTGAAAAACAAGTCCGCCAGTTCTACGGCATCAAGCCACTACACCTGTTG
TTGGTCAGCATATTGGTTGGTTCTATTGCTGGTATTTGGGTGATTTTCGGGTTTCACTGGG
CCAGTGGACTCACGGCCGGTAGATAAGGTGGCGGAGATTTCAACGCAGGGGGAGACGTGCG
ATAAGCAATCAACCCCAACCCAGCCACCCGTGCTCGTGACCGAGGACCTGCTTATTGAG
GCGCCATTTGGTTTTGAAATGCGAAGCGACGAACAGTCGCGCTACCTGGAAGGCCCGGAC
CCGAATCTGCGCATCCACGTGGGCGTCGATCCGCTGCACGGCGCGGACGCCGCGCTGGTT
GCCGAAGAGCTGCGCCGCTGATCACCGAGGATCCTTCGCTGGAGGAAATCCCGCAGGG
GAGTGGGGCGAGAAAACCAACATCGACTACCGCGAAACACCGGCGATGGCTCTCATGTG
CTGTGGGTGACCTGGTTTGACACCGACCGACAACCTCAACGTTGGGTGCCATAGCAAAGCC
GCCGAAACCCTTGTTCACAAGGCACAATGCCGAAATGTGATTGAGCATCTGACGCTGAAA

>naRXN01638-downstream
TGATGCCGGTTTCTATCCGGAAT

>naRXN01647-upstream
GCTGGGGGAATACATGGCTGAAGGCATGTTGATGCCCCAGACATCGGCGCAGGTGTCGGG

GCATAAATTTCTGGTGCGGCGCATCGAACATGGGTTGGTG

>naRXN01647

ATGGGCGATGTGCGCATGATTATGATCCACTTGGTAGGCGCCGGCGGGCGTTGGTGTTT
GGGGTGGTGGCGTGCGTGATGTTGGCGGTGGGATCATTGGCGTTGGCTATTTTCGACCC
GCGAAGGATCCGGCCGATGCGCCGTTGATCCGCTCTGAATCCGGCGCGCTCTTTGTGCAG
CTGGATGGGTGGTGATCCGGTGGCTAATGTGGCCTCGGCTCGGTTGATTGTGGGGGAG
CCGGTGGATCCGGTGAACGCCAGCGATGCGATCATCGCGGGCATGCCGCGCGGAGTGCCG
GTGGGGGTTTCTGATGCGCCGGGGCTTTTCAGCAGCACCGAAGAACCCGAGCAAGATTGG
TTTGTGTGCCAGGATGTGCGCACTGGGGATCTACACATTACGGTTCCTAGGGGCGGACTA
GGGCCCACCTGATTGCGGAAGGAAATGGGTGGCTGGGGGCGTCGAAAAGCGAAACCGGC
GAGGTCACCTGGAACCTGATTACCGCGGACGGGCGCCGCGAACTGCCGCGGTGGGGCAGC
GAACATGGGCGCATTATGCGCCGCCACCTGGGGATTTCGAGGACACCCGCGCGTATAC
CTGACCACTGAGCTGCTCAACGCGATCCCCGAGCAGCAGCGGTCGCTTCCAGCCCCG
CTGCCCCGAGCTTGTGACGCGCTCCACCGCAACTGGTTACGGCTCGACGGGGCGCTCGCC
GAAATCACGCCGTACAGCGCGGGTTGCTTATCGACGCGGTTCCGGTGTTTTCCCCGAC
CCCACCGCGCTTCTTGGTGTGCATGAAGAAACAGCCAACACCTTGACGCTGCCCGAGCAA
ACAGTTTCTTGCAAGATCTGGACGGTGGTTTTGCTGCGCGGATGGTGAAGGCCAGATC
GGTTTCTTGAAACTCTGGAATCGGGGGTGGCGCTATCTGGTGATTCCAGGGCGAAAAGT
TTCAGCACAAACGCTGGTGGGGCAGTGGGCGTGGACAGTGGCTTTGGCTACTATGTGGTC
TCTGATTTTGGGCTGATGCACCCTGTTTCTACTGGTGAATCGATGGTTGCCCTAGGAATC
ACTGACGTGCAGGTGCTGCCGTGGAGCGTGCTGCGATTGTTGCCGCAGGGAAGTGAATTA
GCAAAAGAGACAGCGCTCGCGCCACCTAT

>naRXN01647-downstream
TAAGGAGTATGGTGGCCTTACAT

>naRXN01658

GATCCACAGATCCTGTACCAACCTTCACCCAGCAACAGCAGCTGCGAACTTCTACGGT
TTCCAGACCAGCTGGCGATGGACCGCTTTGAAGTAGATGGCAAACCTCCGCGACTTTGTT
GTGGCAGCACGTGAGCTCGATCCAAACGCCCTGCAGCAAACAGCAGGACTGGATTAAC
CGTCACACTGTTTATACCCACGGCAACGGCTTCATTGCAGCTCAAGCAAACAGGTGGAT
GAGGTCGCCCCGCGACGTGCGATCCACTCGTGGTGGTTACCCTGTCTACACCGTCTCTGAT
TTGCAGTGAATGCTCGTGCTGCAGAAAGCGAAGATGCTGAGGAGCTTGGCATCAAGGTT
GATGAGCCTCGTGTGTAACGGACCACTGATTGCTTCTGCGACTGATGGTGTGACTAC
GCAATTGTGCGGTGACACCGCGATGGCCAGTCGAGTACGACACTGACACCTCCAGCTAC
ACCTACGAAGGTGCTGGCGGCGTGGACATTGGAACATGGTCAACCGTGCGATGTTTGCA
TTGCGCTACCAGGAAATGAACATGCTCCTGTCTGATCGTGTGGTTCCGAATCCAAGATC
CTATTTGAGCGGATCCTCGTTCCCGTGTGAAAAGGTTGCACCTTGGTTGACCACTGAC
TCCAAGACCTACCAACTGTGATTGATGGTGCATCAAGTGGATCGTCGATGGCTACACC
ACCTTGGATAGTCTTCCGTACTCCACGCGACCTCACTGACGGAAGCGACTCAGGATGCT
GTCATGCCTGACGGCACCCACAGCCACTGATCACAGATAGGGTTCGGTTACATCCGCAAC
TCCGTGAAGGCTGTTGTTGATGCGTACGACGGAACCTGTTGAACTCTACGAATTCGACACC
GAAGATCCTGTTCTGAAGGCATGGCGTGGCGTGTTCAGACACCGTGAAGGACGGGTGCG
GAGATTTCCGATGAGCTTCGCGCACACCTGCGTTACCCAGAAGATTTGTTCAAGGTCCAG
CGTGACATGCTGGCCAAGTACAACGTTGATGATTCTGGAACATTCTTACCAACGATGCG
TTCTGGTCTGTCCAGGTGACCAACTGCAGCGGAGGGCCGCCAGGAACCTAAGCAGCCT
CCTTACTACGTGGTGGCAGCAGACCCAGAGACCGGTGAGTCCAGCTTCCAGCTGATCACC
CCGTTCCGTGGACTTCAGCGCGAGTACCTCTCTGCACACATGTCTGCGTCTGATCCA
GTTACCTACGGTGAAATCACTGTTCTGTGTGCTGCCCTACCGATTCTGTGACCCAGGGTCCA
AAGCAGGCCAGGATGCGATGATGTCATCTGACCAGGTTGCTCAGGACCAAACACTGTGG
CGTGGATCGAACGATCTGCACAACGGAACCTGTTGACCTTGCCAGTTGGTGGCGGAGAG
ATCCTCTACGTTGAGCCGATTTACTCGCAGCGCAAGGATCAGGCATCGGCCTTCCGAAG
CTTCTGCGCGTGTGGTCTTCTACAAGGGTCAGGTTGGTTACGCACCAACGATCGCTGAA
GCCCTATCGCAGGTGCGCATTGATCCGAAGGAAGCGCAGGACATCGAAGAGGTAGATGGC
ACCGCTACGACGCCATCGACTGATGAGACTGACACTGACACTGATCAGCCTGCAACCGAA
ACCCCAACTGCACCACTGAGTGAGGCGGAAGGAATCGCGGCCATCAACGATGCGTTGAGC
AACCTTGAAGCTGCTCGCGATAGCTCTTTCGAAGAGTATGGTCTGTCACCTCGATGCGCTT
GATCGTGCCGTGATAGCTACCAGTCCGCACAG

>naRXN01658-downstream
TAGCGTTTGAGTAAACAGCCCGA

>naRXN01659-upstream
TTGATGCGCGCCGCGGTGAGCAGCCTGCCGATCCAGAGCGTGAAGAATCTGATGATTAG
TCGAGATTGATACCGTCTCTGGATTCCGCCTGCTCAGTAC

>naRXN01659
GTGGCGGGGTTGCGCAGCGTTTTGTCGACGAGCGCATTACGTCGGTTTGGATTCCATG
CCAGAAGCTGTGACTGCTGTGTGGATGGAATCTGATTGGGTGTTGGCGGAAACCATCAAG
GGTTCCACGCCCTCCGATTGGGAAGAGATTTGCGGCCGTTGGCGCTGCTCACGGACGCG
TCTTTCACGTTGCCACCTCGTTCACGCGTGCAGCAAACCTTGGATTGAAGCATTTGGAA
CCAAGCCGTCTGAAGCCGGAGCAGCCAGAAAAGCCAGCGTTTACTCCCAATGCTTCGGAA
GAAGATTTGCTCAGCCGTTGGTGATCCGCCCGAGGAGCCGTTGCAGATGCCGGTTCCG
GGTGTGCAGGAAAGCCGCGGAGTGGTCGAGCCACGGTCATTGGGTGCGGATGATGTGGAG
TCGATTGCGGAGGCGATCCAGAGCGTCCGAGCGATCTTTATGGCACGCGTGTGCTGCGT
GATCTCAATGGTCAGTCCAGTATTTTCCAAGATTCCACCGACGCGGATGAGCCACCAAAA
AAGTGG

>naRXN01659-downstream
TAGAAAACGGTGTTTTTCGGCC

naRXN01663-upstream
TATTTTGCTGGTTGGTCACAGTGGAGCGCTAACCCCGAGAATCCTATCGAGGCCTAAAAAT
CGTGGCTTGAGTACGCACTGCCAGTAAGGTGTGTGATGTG

>naRXN01663
ATGGAAATAAGTGTCTTGATCATCGCCGCACTGATCTTGGTGGCAGGCATCGTACTGTGG
CGCGCGGACTCGTCTAAACAGGCAGCTAAAAAGGCTGAATCACCTGTGGGCTCAGTCGCA
CCTGCGCCCGTGTGTTGAAGAAGAGCCGACCCCTGAGTTTGAGCCAGAACTGGACCCCT
GAACCAGAAGCGCAACCAGAACCAGAGCTGGAAGTTGCGCCTAGATTTGCGCCAGAACCA
GTTCAAGATCTTGAGCCGGATCAGGCTGAGGACATTTATTTTGATGATTCCCTGAACTC
GATGCTGATGTTGAAAATGCCTTGGCTGAGCTTACTGAGGTAGAAGACTACCCGGAAGAG
CCAGTGCAGTCTGAGCAACCTCAAGCCCTGCCACGGCGGAGGTAGCTGCGGACGAGGAG
CAACGGGGCGTCGATAAGCATTTCGTTTTTGAGCTCTTTGCCTGGTTTCGACGCGCCGGGAG
CGCCGAAACTGGGCGGCGAAGCACCCTTCGATTTCATCAAGGAAGATGCCTTTTTGACC
GATGAATGGTCAAGGGGTGCGGCATCGACTGGTGCCGTTGCACGTGATGTGGTCAGTGGC
ATGGCTGAAGGATATGAAACGCATCTGGTGGATTGCGCGGCGGTGCCGTGATGGCGATG
CGCGTGGAATTACCTCTGACGTGGTCATTGATGCGCGCCGCGGTGAGCAGCCTGCCGAT
CCAGAGCGTGAAGAATCTGATGATTTAGTCGAGATTGATAACCGTCTCTGGATTCCGCCTG
CTCAGTACGTGGCGGGGTTGCGCAGCGTTTTGTCGACGAGCGCATTACGTCGGTTTGG
ATTCCATGCCAGAAGCTG

>naRXN01663-downstream
TGACTGCTGTGTGGATGGAATCT

naRXN01669-upstream
CACCCACAGTCACCAAGAACATAGCCACTCCACACACAACCACTCCACACACAACCACGA
GGGTCACGACCACCATCACCCACCGATTCAAAGGATT

>naRXN01669
TTGTACGAGATTTTCGTTCCACACTCCCATGACACCGCCGACTCGATTGATGATGCTATG
GAGGCGAACTCAGAGGTATTGAGCGCTGAAGTTAGCCTTGATTGATGCTGCTCACG
ACGGTTTTGCAAGGTATCATTGTGTCTTTTTCTGGATCTGTTGCACTGTTGGCGGATACG
GTTCAACAACCTTTCCGACGCAATTGACTGCGATTCTCTTTGGATTGCTTTCATACTTTCC
CGGCGCGCAGCGACTCAAAAAATATACGTATGGATTCAATCGTGCAGAGGATTTAGCGGGG
TTGTTTATTGTCGCGATGATTGCTCTTTCCGCGATTGTTGCTGCATGGCAGGCGATCGAC
CGGATGATTAATCCTCGCCCGATGGAGAATATTGAATGGGTGATTGCGGCAGGTGTTATT
GGTTTCTTAGGAAATGAGGCTGTGGCAATGTATCGCATTCGGGTTGGTAAGAGGATTGGC

TCGGCTGCTTTGGTTGCAGATGGCGTTCATGCTCGCACGGATGGTTTTACTTCACTTGCA
GTTGTGCGCAGGTGGTGTGGAGTTTTTCTGGGATTCCCCCTGGCTGACCCAATTATCGGA
TTGATCATTCTCGCATGATTGCCACCCTTCTTGTGGTACGATCCGTTCCGTTGGCAGA
CGCCTCATGGATGGAATTGAGCCGGAGTTGGTAGAGAAGGCTACGCACGCGATCTGGCAT
GTGAAGGAAATTGAGTCGATTGATCGACTGAGGTTGAGGTGGGTTGGACACCGTCTTCAC
GGCGATGCCACGGTCAGCACTTCTACATCATCGCTATCGGAAGCCACCGCAATCGCCCTT
GAGGCTGAGCTTTCCGTCAAACAACATCTTCCGAATGTGGATGAAATGAGTGTGACCATC
ACCCCTTCCAAACCT

>naRXN01669-downstream
TGAGTCCCGTGATACAATTGTTG

naRXN01672-upstream
AGTAGCAAAGGGTGAGTCGAAGGACCAGCATCCAAGACTGCTGCCGAAGAAACCGACTC
CGTTGACAACGGATCCGACGAAAACGGCGAGGAATAATTT

>naRXN01672
ATGGCATCCCAGAAAGTATCCATCACCCGAATCTCACCACTAGCAACCTTCCGAGTTGCA
CTGGCAATGTCCATCATCGGACTCGTGGCGTGGATCATCTGCGTAACCGTCTCTATTTT
GGACTTAACGTGGCTGGCGTCTGGCAGAACTTCAACGATGTCATCGGCGGTGTTGGTGCA
GAACAAACCATCACCTTCGGGCTCGTCTGAGCATTCCGCACTTCTGGGAGCTATCGGA
GCGATTACCGTCGCTGTGCTTGCACCATTGTGTGCAATCATCTACAACCTCGATTGTTGAC
CTCTTCGGTGGACTGCAGATTCAACTGCAAGAAGAAGTAGAC

>naRXN01672-downstream
TAACCTCTGAAACACAAACCCCT

>naRXN01694-upstream
CGACACCAATAATTTATTTGGGTATCCACCAATTACCGCTGTGAGCACTGCAAATTACGTA
TTCGAAAAGCCATGTCCACCACGTGTTCTATCCTGGCGGC

>naRXN01694
ATGCAAAAAATCACCCCAAACATCTGGTGCCAAGGCACCGCAGACGAAGCAGCCGAATTC
TACGTCAATGCGTTTTCTGAGTTTCCGGGTGGCGCAGAAGTACTCACCACAGTTAAGTAT
CCCGAAGCTGGCTTGTGGAATTCAGGAGCCTTTCGAGGAAAAACCTTGACGTTGGAA
CTCGCTATCTCAGGCTTTAAGATCATCTTGATCAATGCTGGTGAAGAGTTCACTCCCAAC
CCATCGATCAGCTTCATGGTGAATTTTGATGCGGTGCGTGATGAAAATGCCAAAGAGCAC
CTTGATGCGGTGTGGGAAAACTCCATGAAGGCGGCAGCACACTGATGCCAGTCGATACT
TACCCATTTTCGGAATACTACGGGTGGGTACAAGACAAATATGGTGTGAGCTGGCAATTG
ATGCTCAGCCGCCAGAAAGAAAGCCAGGTCCCGCAGTAATCCCAACGCTCTTATTTGGT
GGGGCAGCTCAAAATCAGGCAGGCCAGCTCAAGAAAACCTGAGGTGTTCCCGAAC
TCCCAACTTGGTGATCGTGACCTTATGGACAGCAAACAGGTCTGCCACTCCTGAGGCC
CTCATGTTTTCCAGTTCCAACCTCGACGGTCAGTGGATTTTCGCGATGGATTCCGGAGTT
GAGCAAGATTTACCTTCAGTGAGGGTGTCTCATTGATGTATGAAGCTCATGGTCAAGAA
GAACTCGATGCCATCTGGAATGCACTCTCGGCAGTTCCAGAAGCTGAGGCTTGTGGTTGG
TTGAAGGACAAGTTCGGCGTGAGCTGGCAGATTGTTCCCGACAACATGGAGGAGCTCATG
GCTAAACCCGGCGGTATGAAAAGCTTCTTGCGATGAAGAAGATCAATATCGCGGAGTTC

>naRXN01694-downstream
TAGCAGTTCTAAGCGCTCCACGC

>naRXN01696-upstream
AGGTGACGGTGATACAATTTTGCCATAACTGACTTAACCCAGAACGTTGTCCGGAAGCAC
ACAGACCTTTGTGCGGCTTCCTTTTCTAGGAGCATGTAAC

>naRXN01696
TTGTCTACCCCAATCGGCCTTGGCCTTCTCCGACCCACCTCCAGTGTGGCGCCACGT
CGTAAACACGCCAACTCATGGTCGGCAAAGTGGGCGTTGGTTCCGATCACCCGATTTC

GTCCAGTCGATGACCACCACCAAAACCCACGACATCAACGGCACCCCTGCAACAGATCGCA
CAGTTGACAGCCACCGGTTGTGACATCGTCCGCGTTGCCTGCCCCAAGACTGTTGATGCG
GAAGCACTGCCGATCATCGCAAAGAAGTCTCCGATCCCAGTGATCGCAGATATCCACTTC
CAGCCCCAAGTACATCTTCGCGGCAATCGATGCAGGTTGCGCCGCCGTTTCGTGTGAACCCA
GGCAACATCAAGGAATTCGATGGTTCGCGTTAAAGAAGTAGCAAAAGCTGCAGGCGATGCC
GGAATTTCCAATTCGTATTGGTGTCAACGGCGGATCCCTGGATAAGCGCATCCTGGACAAA
TACCACGGCAAAGCCACCCAGAAAGCTCTCGTGGAAATCCGCAATGTGGGAAGCCGGGCTG
TTTGAAGAGCACGGCTTCGCGGACATCGCAATCTCTGTGAAGCACTCCGACCCAGTACTC
ATGGTGGAGGCCATACCGCCAGCTCGCTGAACAAAGCGACTACCCACTGCACCTCGGTGTT
ACTGAAGCTGGTCCCAAGTTCATGGGAACAATCAAGTCTTCCGTAGCATTTCGCGCTCTG
CTGTCCCAGGGCATCGGCGACACTATCCGTGTGTCTTTCTGCTGACCCAGTGGAAGAA
ATCAAGGTTGGCGACCAGATTCTGCAGTCCCTCAACCTGCGCCCACGCAAGCTGGAAATC
GTGTCCTGCCCATCATGTGGCCGCGCACAGGTCGATGTGTACTCACTTGCTGAAGAAGTC
ACCGAAGCACTCGACGGCATGGAAGTTCCACTGCGCGTCGCTGTGATGGGTTGCGTTGTT
AACGGCCCCAGGTGAGGCTCGCGACGCTGACCTCGGTGTTGCATCCGGTAACGGCAAGGGC
CAGATCTTTGTCAAGGGCGAAGTCATCAAGACTGTCCCAGAAATCCCAGATCGTGGAACCC
CTCATCGAAGAAGCAATGCGTATCGCAGAGGAAATGGACCCAGAAGTCCTCGCTGCAGCA
AGTGCTTCCGGTATGAAGGCTGAAGTGAAGGTAACCAAG

>naRXN01696-downstream
TAAGTTTTGGTTAATTAAGGCAC

>naRXN01697-upstream
TAGATCAACTAAGTATGAACGCGAATCCGACTTTGGTTCGTACTGCAAGAATCGACCAGAG
CCCGATTAAAAAATGCCCCGCGCAACGAACTAGTAATC

>naRXN01697
ATGTTTTCAAGGACTAAAAGAACTCACCGCAGCAAAAGGCCGCGACGCTGCTGATCACCGTC
ACCGTCGGGCTGATCGCCGTGCTGGTTACTTTCCCTCTCTGCCCTCACCGCCGGGCTTGGC
CACCAATCAGTATCCGCACTGAAATACCTAGCGGGTGATAATGAAGTTATCCTCGCCGAT
TCCGGATCCACCACGCTTTCCGCGTCCACGCTTTCTGATCAAGCAGTTGCCCAACTCGAA
GACGAAGGCGCACAGATGCTGTGGCAGGTCCGCGACCGAGTAGCAGACACCCCAACATG
CTCCTCAACTCCCCTGACCTTGCGCCTGGTGAAGTATCCCTTCCTGCCGAACCTCGCTGAT
TCGGAACCTCGCTACTGCGCATGATGTAGTGGATTCTTCCAACGATCTGTACCTCGATCAC
CTGCCCCTGGTATTGATGAACACCTCCGATTTAGCCTCACTCGCGCAAGTCCGAGGCGTG
ACAGGACCAGCAGGCGCATTCGCCTCTGACGTTGCGCTCCCCTCCGACACCGTTGCGCTC
TCTGGATCCGAACGTTGGAACGCATCCGCCTCCTACCAGGGCGAACAGATGTCACTCAAC
CTCATGATCGTCATGCTGTATGTTATCTCCGCACTCGTGCTCGGCGCATTTCTACCGTC
TGGACCATCCAACGCCTCCGCGGCATCGCCATCTCTAGTGCTTTGGGAGCAGCCCGCCGA
GTACTTATCGCCGACGCTCTCGGCCAAGCCATCATCGTCTTAGGAATCGGCATCACCGCA
GGCAGATTGATCACAGTCATCTCCGCATTCCGCATGGGAGACGCAATGCCCGTGGTCATC
TCCTCCTCCACCACGCTCTTCCCGCACTTATCCTCGCCGCGCAGGACTCATCGGTGCC
GCCATTTCACTCGGCCCCATCCTTCGCGTCGAACCACGCTCCGCACTCATGAACGCA

>naRXN01697-downstream
TAAGAAAAGGAACCTCACATGAC

>naRXN01701-upstream
GCCGATCAAATTCATTGATTGTTAATCGGAAGTTTTTTGAACAGGTAAAGCTAGGGGACC
TGTTTCAGTGCCGTGTTGGCGGATGTATTAAGGAGAATGCCC

>naRXN01701
ATGCTGAGCCACGAAGAAATTGTTGCGATCGCAGAAGATTTGCTGTCTAAACGCTACGGC
GGTGTACAACTCTTTCTGACGTGGAGCAGCTCAACGGTTCCGGCACCTCCGCGGTGCTG
CGTGCCAGGGTGGCTAACTCCCCATTCTCCAACAGCGCTCCGTGGTGCTGAAGTACGTG
CCCAGCACCGGAGACGCTCTTTGATGATTCTGCGCTGGTGGCTGAAATCGTCTCTACAG
TTCACCACCTCCTTGTCGGAAGATGTCCGCCCAGGGCCAGTCATTTTGGCCTATGACATT
GACAAGCGCATCCTGGTCATTTTCAAGATTCCGGCAACGGCGACACCTTTGCGGATCTGATC
GATCAGCGTCCG

>naRXN01703-upstream

GTTAGACAAATGGGTAAACAGAGCTGACCTAGCGGAATCCGCCATCAACGAAAGGCATTCCGCGAGGGTTTGGGGTCTGCCTCGAACAAATCTTGGGTTT

>naRXN01703

GTGGCATGGCCATCCAACGCCAAAGAAAACTGTTTATCCACTGGGACTAGTGGTGGCAA
GCGCATTATCTAGACTGCCTGGTGGATGCTGCTCGTCGACGCACCACAAAGGCCCGTCGC
GACCGCATCAGGGACACCATCCGCGGCATTTCGGTGCGCAATGTGGGCAAGCTGACCTCG
AATCGTTATTACGACGACAAAGCTTGGCTGGCCCTTGCTCTTGGGCGTGCCGAAAAAGTG
CGAAAGGTGCGCACACCAAAATCATTGCCCTCGTTGGAACAAACATCGTCGATGGCATT
GATTCCCTTACTGGTGTGCTGCCGTGGCGTTCCGCGGAAACCTTCTACAACGTTCCCTCC
AACGGTCCTGCTGCGATCATGATGGCCCGCACCAGCGTTTGGACGAGGCTATGAAAATC
ACCGATTGGATTTTGGACAACCTGATCGATGGCGACGGCCTTGTGATGGACGGATTGCGC
ATGCGCATGCACGGACCTGAGCTTGTCCGTCCATCCACCCGATTGCCAAGGTGTCGCC
ATTGGTGGCTGTTTGGAAATTGCTCTCAAAGTGGTGGCGCAGGCTTGACCACTACT
GTGGTGGATCACTGGTGGATGCCGATAAGGCAGAAGACTCCCTCAAATACTTTGCACAC
ATCCACGCTGTGGTTCAGGCTGTGTGCGGGAAGATGACCAACTTCCACGGCGTTATTGAT
TGGGACACCGGTGACGGCGACGGCGGTTTGTTCAGGGCATTTTGGTCCGCTATTAGCT
GATGTGGCCATCCGCTGCCTGACGATTACCAACCAACCGGGAACCAAAAAGATTGCA
GCACGCCTGGTACTGGAATCGGCGGAAAGCGTATGGAACACCGATTGGAAGTTGATGGC
CTTCCGGTATTCCGCACAGACTGGACAACGGATGCACGCCTGCCACAAAACCTTTGGTTTG
AGTTCTCTAGTTTGGAGCGATCTGGTGAAGTGTGTGCGCGTGGATGAACGTGATCTGTCC
GTGCAATTGTCCGGTTGGATGCTCATGGAAGCAGCAGCGAAAGTGGCCGAAGAACTGGAA
AACACGGCAATAGTTACACCGGTGCTCCCGA

>naRXN01703-downstream

TAGCCCCGATAGTGTATGTGCTG

>naRXN01709-upstream

GCAAGTGAACCACGATGGGAACGGTAAGTGTGCCGCTGCGGTATTACTCGTAGTTTCA
GAAATTAGGTGTCGATGCAGCAATACGGAACCTTGCCAAT

>naRXN01709

GTGTTTGAACAAGCTCTCGGGCTCACCACCCTTGACAAAACAGCTGGAGCGGGCGCAGCG
GGGGGCTTGGGTTTTCATGGCAATGGCGTTGTTGTCTGCAGGGATGCGCTCCGGCGTGAC
ATGATTCTTAATGAAACCGGGGTGAAAAGATGCTTGACAGGCAGATTTAGTCATCACT
GGAGAAGGACGCATTGATGCACAGACCCTCAGCGGGAAGCTCCTACTGGAATCGCCAAA
CGGGCACGTGCGAAAGGAATTCCAGTACTGGCGGTTTGTGGGCAGAGCCTATTGGGTCCA
GCAATCTCAAATGAGCTATTTGAAGACATCTACAGCTTTACCGATTTCGAATCTGACATC
AATGAATGCATTGCAAAACCGCTCCCAATTTTGAAGGTATCGGTTTTAACATCGCCAAA
CATCATCTGAGT

>naRXN01709-downstream

TAGCGATATTTACGAAACCGAT

>naRXN01711-upstream

TCTCGTGAGTTTCTCCCCGGTAGCACCTTCTATATCAGCCCCACGCCGCTCGGAGCAG
GTGGGATAGCATCGGCAACGCGGTTGCATGGCCGTTGGCC

>naRXN01711

ATGTTGTTGATGGCGCATCGCTTCTTCGTGCTTGCGATTAACGGCGCAGTCACCGACGAT
TTCACGACGGTTTATAGTGCTTTACGACGTTTCGTTGAAGGTATTCCGGTCTACAACGAG
GTCTACCACTTCGTCGATCCGCACTACCTCTATAACCCGGGCGCCACCCTCCTATTGGCA
CCATTGGGATATATCAACCATTTACGTTGGCTCGGTGGATGTTTCATCGCGGTGAACCTC
CTTGCCATTGTTTTAGCGTTCCGGCTGCTGACCAGACTCTCCGGTTGGGCGCTGCGCAGC
ATGGTGTGGCCGATTGCGATCGCCTTGGCGATGCTGACAGAAACCGTGCAAAACACCTC
ATTTTCTCAAACATCAACGGCATCCTGCTGCTCATGTTGGCGATTTTCTGTGGTGGCGT
GTGCACAAAAATCTGGTTGGGCGGACTAGTCATTGGTTTGGCCATTTTGATCAAAACC

ATGTTCTGCCACTTCTCTTCTACCTTTGGTGAAAAAGCAATGGGGATCGCTCATCCTC
GGCATTTTAAACCCAGTGATTTTCAATGCAGTGGCCTGGTTCTTAGTTCCGGGAGCATCT
GAATACGTACCCGCACGATGCCCTACCTTGGTGAAACTCGAGATTTTGCCAAACAGCTCA
CTCCCAGGCTTGGCCATCTATTTTCGGAATGCCACCTGGATGGAAATCACCTGGTTCTCTC
ATCTTCGGCGCAATGGTCGGCCTCGCAGTGTGGCACTCCTGAGATTCGGTAACACCGAG
CCATACTTCTGGGCAGCAACCACCACCGGTGTACTCCTGACTGGCGTATTCTTCTGTCC
TGACTGGGACAGATGTAGTAETCEATGATGATGTTTGGTATGATCTTACCCTGCTEGGA
AGCCGATCCGTATTCCACAACCTGGGTTGCCGCTGGGTCGCCGCTACTTCTTACTATCCCT
GACACTTTCACCTCCAGCGACTACCCGATGTAGCCGCTGGATGGAATTTTTCAGCGCG
ACCGTTGGTTGGGACTATTGATAGTGGTTACATTTGTCTCGGCGCTAATCTGGTTTATT
GGTGATATCCGAGCAAGGGAACCTCCGAGCTACCCATTACCACTGATCCAACGCACGAC
CATCTTGAGAGGACAGCA

>naRXN01711-downstream
TGACAGACTTCAAACCTCATCAGC

>naRXN01721-upstream
TTCGCCAACGCCGCCCGAAATGATCGGGAGGGGGCGTCGAAAAGCACTTCTGCGAGCAT
CAAACATGATGCGTACCTGCCACCCGCAGACGGCAATCGC

>naRXN01721
GTGCTTGTGGACAGATTTCGGACGCATCGCGCGTGACCTGCGGGTGTCACTGACCGACCGA
TGCAACCTCCGCTGCACCTATTGCATGCCCGCGGAGGGTTTAGAGTGGCTGCCACCGAG
CAGACGCTTAACGACGCCGAGGTGCTGCGACTCATCCGCATTGCGGTGGTTAAGCTGGGC
ATTCGTCAAATTCGATTACCGGGCGCGAGCCTTTACTGCGGAAAAATTTGGAAGACATC
ATCGCCGGCACCGCAGCCCTGCGCACCGACGAAGGCGAAAAAGTTACATCGCTCTCACC
ACCAACGGCCTTGGCCTAGACAAACGCATCGCAGGACTGAAAGAAGCTGGTCTTGACCGG
GTCAATATTTCACTCGACACCATCGACGCCGAACGCTACGTCTCGCTAACCAAGCGTGAT
CGATTGTCCGGTGTGTTGGCGTCCATCGATGCCGCTGTTGCCGCTGGCCTTCACCAGTG
AAGATCAACGCCGTGGTTCATGCCTGGGGTCAATGAAGTAGATATCGTCCCCCTTGCGGAA
TACTGCATTTCCAAAGGCTCCCAACTGCGATTTCATCGAACAATGCCACTTGGCCCGCGC
GAGCAGTGGAAACCGGGCGATATGGTCACAGCCGAAGAAATCCTGGCGCGCCTGGAAGAA
AAATTCACCTTATCCCCCGCCAAGGAACCCCGAGGAGCTGCACCTGCTGCGCTGTGGAAT
GTGGTAGATAAATCCAACCCTGATATCACTGGACAAATCGGCATCATCGCCTCGGTGACG
CACCCATTTTTCGGGAGATTGCGATCGCTCCCGCCTCACCACCGACGGCACCATCCGAAAC
TGCCTTTTCTCCCGCACTGAAACTCCCCTACGTGACGCGCTTCGCGACGGCGCCTCCGAC
GATGAGCTCGCGCAACTGTGGGCAGGCGCCATGTGGGAGAAGAAACCCGGCCATGGCATC
GACGATGAAGGCTTCCTCCAACCAGATCGCCCCATGTCTGCCATCGGGGCTAGCCCATAC
CAG

>naRXN01734-upstream
ACGATCTGCCGGAGATCTCAAGAAAGTGCTCACTGCGCAGCACACCGTCACCGTCCAAG
ACACCGGACCCGGGCGGATTTCATCTCTGGATGTGCAACC

>naRXN01734
ATGACAGATCCAATTGAGCAGGCATTTGAACGCATCCGCGCCGAAGCCATGCGCAGAAAT
GGATCCGTTCCCGACCTCAATAAAAACGATGCTTTTCGACGCCACCTGCGCCGAAAGGG
GGCGTCGAAAAGCGCAAAAAGGCCGTGCAAGCGGCCTAGACGGCCGCCAGAAACGATAT
GTGCGCGGCGCGAGTCTGCTGGGATCGGTGCTGAACAAGGAAATTCAGCGTCTGGCTGG
GGCAAAGACATTGCGGCGGTTGGGTGACGTCCAACCTGGGAAGAGCTTGTGGCGCGAAG
ATTGCGCAGCATAACGCGGTGGAATGATCAAAGATAAGAAGCTTTTTATCACTTGTGAT
TCCACAGCGTGGGCCACCAATCTGCGCATGATGCAGCGGCAATCCTGCAGGTAATCGCT
GAAAAAGTGGGTCCAAATATTATTACAGAGCTGCGTATTTTGGGCCTCAGGCCCAAGC
TGGCGCAAGGGGCGGTTGCACGTAAAAGGACGCGGTCCGAGAGACACATACGGA

>naRXN01734-downstream
TAGTTTGGTGATAAAAACCGTCG

>naRXN01742-upstream

TGGCTAAAGCGATGTGTGTCTATCTGAAAAATTTCCCCCAAACCTAATCGACACAGTTAC
TTCATCTGGCCTTATTTTCATCACAGTTACAATCATCTGTC

>naRXN01742

ATGCAGGAAAAAGCCAGAGATGCCAGCGATTGAGGTTCATCCGTTACGCGAAACGCACCAAA
ACTGTTCAAGCTCGAATTGTGGACGGGCAATCCAGGTGCGCATCCCTGCGAGGATGTCT
AAAGCGGAGGAAGAAAAAGCGGTGGGGGAGATCGTGGGAAAGCTAAAGGGACGCACCEAA
TCGGCCGTCTCAAGCGACGCTGACCTGATTGAGCGCGCCATAAGTTGAACAAGACTGTG
TTGGAGGGGCGGGCGGGGTGGAAAGTATTCGGTGGGTGAGTAATCAGAAGGGGCGGTGG
GGGTCTGTCACGCTGGCGACTGCGGAGATTGCGATTTTCGGATCGTTTAAAGCACGTGCCG
GATTATGTGTTGGATGCGGTGTTGGTGCATGAGCTGACGCATACGTTTATGCGGGGCGAT
TCGGCGGAGTTTGGGAGTGGGCAGACAAAACGCCCTGGCAGAGAGGGCCAAGGGCTAT
TTGGAGGCGTATCAGCGGTGGGGC

>naRXN01742-downstream
TGAAGGTTTAGTTCTTGTCGGAG

>naRXN01754-upstream

TGTGGCTGAAGACAAGAATGAATAGCATTTCATCTCGTGAATTTTCATGTAGAAATTTGTC
CCCCTTTTTTTTGATGTGAAAGTTGAATCGGTAAGCTCCT

>naRXN01754

GTGAAAATTAATCCGTATTTTTGAGCACCGCTTTAAGCGCTTCCTTACTGCTCGGAATC
ACCCACCCGTGCTGGGAGCAACGATCAACCCAGTTTGCTCTTTCTGCGTTGAGCTCC
TCGGACGATATCGCCGTACCCAATTTCGCCAAAGATTACCGTTAGCTTTTGATGTACCA
GCAGGCACTGTTCCCCAAAGCTTGAGTGGAACGCTGCAGATTCTGCGGAGTTTTCTGGC
GGCGTCGTGGAGTTTTATGACGGTGACCGGCTCTTTCACACCCTGCGCCTAGAAGTTAAT
GATTCCTCGAGCACACATTGAGGTTCCGCTGCAAAGCGTTCTGTGCAAGACGCGCGGCC
ACCTTTTGGTTGCGCGCCATGTTGGATCCTGTAAACAACAGTGGTGCTACGAGGAGCAG
GAAGTCCGCTTCTTAGACGGAAACGTCACCTTTGAAGGGGCGACGATTAACCCAGCTGTG
GTGGCTGATTACTTCCCGTCAGTGCTGCGCGCGTTGACAATTTACGTCCCGGAAAACCCC
TCTGAGGCACTACAAGAAGCCACGTTAGAGGTTGCGACCTCCCTGGATTGCGGTGTACCGA
AGATCAGGTCGTGATGTCAACGTAGAAACGCTTCCAACCGGCACCGATGCTCCTCTACA
CGTCTCAAGATTTTGAACGCCAGATTGTGCTGGTTGACGAGGCAACAGAAAGTAACACG
CAAAAACCGAATTGGTCAATCCCGGCCAAGACAATGCATTCTTGCGCCTGAACGGCAAC
GCCGACGAGCTTTACGATCAAGCGCGCTTGCTTACCGACGCAACCCTGCCACTTGCCGTA
GACACCGAAGTAACGGCCTCAGGTTTTGGTGATGTGCCAACCTTTCTACAGATGTGGCC
ACCCTCCAAGAACTGGGTATCACGCAGCTCACCTCTGAATCAGTTGCGCGCACAAGCGTC
ACCTTGGGCATTGAACGCTCCCGCCTGCGGACCTACTCGCAGTCCATGGACCTGCACATA
ACGGGAACCTACACCCCATTTGCCACCCCAAAATGCAGGACAGATCACGTTCTCCATTGGT
GACACCGTGTGGACTCCTTGACCACCGATGACACTGGCATCATTGACCGTGAGTTCAAC
GTTCTGGAGACTTGGTCAACCGCTACACGGCGATCGTTCGTGGAATTCACCAGCACGGC
GACGTTAATTGTGGGGTCAACCGAGCCCGTAGGCTCAACATTGATTCCGACAGCCTTGTC
ACCTCCCAACATTGAGATGTTCTGTACTCAACGGCTTCCGGTCCCTACCGCAGTCTTTC
CAACCTCGTGTGGACGTGGCGTTTGCTGATCCAGCGTGCAGGAACCTCTCCCGCGCTGTC
AGCGTAGTGTTGGGAATTCAATCTATGAGCTCCAGCGCATCCGCCACACCTGGTTAAC
TGGGATGAAGCCGTAGCCAGCGAGCGCCCAACAATTTTCATTGATGCTGCGGGCGCAAAG
ACTGATCAAGTGCCAAGCTACCTCGCCCAACAAGGCCAAACCTAGAGATCACCAGCAAG
AACGACCAAAATGCGGACGGCGAACAACCTACCCGATCCCTGCAAACCAACGCTGCGCTT
GTTGTGCGTTCCATTGAGCCGTGTGGGATGCCGATAAGAAGCGCACGGTGATTGTGGCA
AGTTCCCGAGGACAACCCCCCGATTGGATGCCTTGATTTTCGTGGATGGGAGAAGACCGC
GAACGCTGGAGTGATCTCAACGGCGACCTGATTGTCAAAGTCCGAGACCGCGAACCTGTG
CAATTGACCACCGTGGAAGCCCCAGATCAGCCTGGTTCGATCGGCCACAGCCTTTATTGCG
ATCGGCGTCAGCCTGTGGTCATTGCCCTGATTGTGCGAGCCGTGGTGTGAGTGTCCAGG
CGTTCGCAAAAAGGATACAAA

>naRXN01754-downstream
TGATTTCTTCTTTACCCAGTAGA

>naRXN01761-upstream

TTAAAGTTTCTATATTCCATTCTAAATAACTTTGAATTGGGGATTAATGAACTTTTTA

AGCAATTGTTTAAACGAATATTGAGGGGGTGGCGGGCAA

>naRXN01761

GTGACTGCGACAGTTT TAGAACCGCAACCTGTACAGCTTAGTGAGCAGGACGTAGATGCT
 GAGATTGCGCGCATGGAGCTTAAACACAACCGACACAAGACGTGGCGACGCCGAACGATG
 GCTGTTGTCATGACGCTCTTGATCTCAGTGGGTTTGAGCTTTGGTGCGTTTGGTAACAAG
 GAACGTGAAGCTAATGCTTTCGCCAGCGCTATTATTGCCCAGGTTGTGGGTGCTATGGGC
 GAGGTTGCCCTTTGAAGCGATTTGTCCCAGTGATGGTGACACCGAGATGCTTCTTAAGTGC
 ATCACCGAGAACTTAGGTGAAATGCACATTATCGAGAAGTGTCTCGAAGCAGAAGATGTC
 TTGAAGTGCCTTACGATGCGAAAAACGAAGAGCAACGTAAAGAACAGAACCCTTGATAAA
 GCCCCTGATTACTCCATGTACCGTATGGCCTCTGCGATGGCATCGTTCTATGGCAATGGT
 CGGGCAGCTACTGCCGTTGTAGAGGAAGGCGGACCGAACGAGTTCCTCGATTCTGAGGAC
 GCCGGTCTTAAGGTGTGGGAGGGCATTCTCAGTAAGGCCGCCAACGGAGGCAATGTCCTT
 GGTTATGCTGACGCGAAACACAACGAGGACTCTGGTTGGTTCTTTGGTAATGGTGTGGC
 AACACGAGAAAAACGTACTCCTATGATTCTCTAGCTGATCATGCCCTTCAAGGGCCTTAT
 CACTTTGCATTATTTGGCGCGACACTGAGTGGCTTAGGCTTTGATAGCTCAAAGGCGGAG
 GATTGCGAGACTGATTTTGCTCAGCGTAAGGGCATGGGGTACGCGATGATGATCGCGTAC
 ATCATCTCCGAGGCATTGATCTGGTTTTTAACACTGTGCTGAATATCTTGAGCACCATA
 AACCCATTTAGACTGCTCGTTGGACCAGTATCTCAGAATACTAACAAGACATTCAGTGAG
 AATATGGCTGGTGGGCAGACCACAGAAGGAACACCGTTTGAAGGAATGACTGATTTCTTC
 GGGTTGATCTATAACTGGTCAGTGACTGTGGGCTGGCTCATCGGTATTCCTGTCTCCATT
 GGTCTGTTTATGATGGGTGCGTTGATGTTTCGACGCATGGACAAGGGATCAGCGTTTAA
 AAGGTTGTTATCCGCGTCGTGTACGGTGTCTGGCCTGCCACTGCTGGTGTCTCTTAT
 ACCGGTGCCTGGATTCTCTCCTCGACAGCGGTAGTTCCACAAGTGTGGAATCAAATGCG
 ACAAGATTGTGTGTCCACCTACGTGGATTTCCAATCATGGGCAGAAAAACACCCGTATG
 CGTGTCTCTGACAAAAGTAACACTGGCGTGGAGTCTGGAGGATCAGGCGCCAACAGGGCAG
 TCCATGCGGATGGTACGCAATTCCGCGTTGGAAATTAATGCTCAATCAAATGAGAGTTTT
 ACTACTTTTAAGAATCCAGGTTCCATGGATCTAGGCTATAGCATGGACTGGATGGAAAAG
 ATGGCGGATCCAGCAATTCTGGCACCGATGGGACCTCATCAAGTTCGGCGACGACTATT
 TTCCAGGGAACCATCGCGCTACTGAGTCGTTATATCGACAACGACAGTATCTCCTCTGGC
 AGTTTCGAAACCTCTATTTCGAAGTGCATGGAATCTTTGACCTCGAAAGAGGGAAGTGGC
 GAAGCTGTGTCGGTGGTGATGTAATGGCCTGGGTTACTGGTTACAACACAGCCTCTGGT
 CTTAATGATGATCACTGCTGCTGAATTAGCTGATGCGAACAATCCATTGCTTGAGGTCAGC
 GACTCAGCTGGTCTGACGGGACGACCTATTGACCGCAATGCGGTGTCATTTAAATCTGGT
 GATGCGACAGCGTCATGCAACAACCTCAGTCGTGACAGGTTCTCGTGCTGTGGTCGGGGAC
 TACCGAAGTGACTGCAATATGTCGCCCTTGACGATGTACAACCTCCTCAACACCTCATT
 CATCCAGCTGATGCAAGTGTCTTTTCTACGTCCACTTCTGCGTCAAGCTACACCCGTGCA
 TCGCATAGCGCAGTGAGTCTTATCGGTTCTGGTGCCATGAACCTTTGTGTACTGGTTCTCT
 GCAATGTCCCTGATGGGTAGCTTCATCGTGATCGGTATCGGTTACGCCGGTGCCATGCTG
 TTTAATACGATTTCGACGCACGCTGTGCTCATTGGTGCCGTTCTTTTGTGCTGCGATGGGC
 TTTATTGCTGGTGTGCAAGGTCATTGTGTACACCATCGCTATGCTCGTAGAGGTTATC
 GGAACGATCATTTTGTACAGCTCATTACCCGTTCTTGATGGCTGTACCAGCACTCTTT
 GAACAACCTTTGGCTGATTCTTAAGTAGTAACGAGAGTGCTGAGCTGGTTGCCGGTGCT
 GGTATGGGGCTAGTCGGTATGGCACTAGCTACCTCAGGCAACTGGGCGATTGCCGGCATG
 GTGATCACAGTGGCCTCATCCATGGGGGTGATCATCTTCACGATTATTGCGATGAAGGTG
 CGCGGATCTTTGGTATCAGGTGTGATGAAACCGTGACCAGTGTTATTAACCGCTTCTTG
 GATACACAGGTCTCTTCTGACGGTGCTACCTCTGGTGACGGCATGATGCGTCTGTCAGCC
 GCAACGGGTCTTGGTATTGGTGCGACACATATGGTACTCAACCGTGATGGTGACGGTGGT
 GGATCTGATTACAGGCTCTGGTGGATCAGGTGGCGGTAGCGATTACAGGCTTGGGTGAGAAG
 GCTGCTGGTCTGGCGAAGGTTGTCACTGTGGCTGGTGCCGATTAGTCGGTAAGTAT
 GCTACGGATGCGCTCGATAATTATGCAGATGGCGTTATCAACGGCGACGGTGATGGTGCG
 TTCGACGAGGTGGTGACGCTACCGTTGATGGCGACTATGTAGCAGATGGAGATGCAATT
 GCTTCTGCTGATGCTAACGCTGATTTTGTAGACGGTGTGTTGATGGTGCTGGTCGCGCG
 TCATTTAGCAATGCTGCGTATAGCTCCGATGGAACCACTCTCGACGGTGAGGGTGCGAGC
 GTTGATGCACAGGTAACCCGCTTCATGCTGATGGCACACCAATGAGTGCTGCTGAAGCT
 GAAATGAAGATGGTGGTCTGAGCTCGTCAGGAACCATGATGGAGAAATCTGGTGTGAAA
 TCGAGTGGCATTACCACTGCAGCGGATGTCATGGACGATCAGTCTCTGGCAAGCAGTGTC
 ACTGAGTCTGGTCTGTCCAAGATTCCAGACACCTATGGTGAGATGTCTCGGGTGCTGCG
 GGCACAGTCGGAACCTACCGGTGCTGATTACAGTGCAGCGGATTCAAGCGCAGGTCTGAAC
 ATGAGCGAGGCTGCTTCAGAGGTGGCACCCCAATGGGCGCTCTCGCTGGTGGATCTGTG
 TCGAGTTCCGATCAGGCCATGAATGACGCAGCTCTTCAGATTGCAGCGTCTCAGGGTCTT

GCACCAGCAGGTTCCATAGCTGGTATGGAGCAACTTAGTGCTCAAGCCACTGAAGCACCT
GCTGGAAAGGCCGGCAAGCAGCTTGGCGATCTTCTGGCTCAGCGCTCAATACTCAGCTG
GCGTCCATGGGACAGCAGGTAGGTGACAGTGTGAACAGCGCTTATGCTGCAGGCGGTATG
GGTGGTGTGTATGTGGCTGGCAAGGTCACCGAGGCAGCACAGCACTTGTCTCAGGTTCCA
GGTCAGATTCAGAATGCTGTGACCAATGCGGATGCTGGTTCTCTGGCGCAAGCTTTGGT
CAGATGGCACAGGGGGCAGCTGGTATTGCCGGTGTGCGAGGTGTGATCGGTGCAGCGGGC
GCAGCAAGCTCTGCAGCACAAAGGCGCAGGTACTGTCCAGGGTGCGATGGGTAATGETGCA
GCTGGTGGCGGAATGATCAACAACGCTGTTCCGGTGGAGCTACTGGCTCAACAGGTGCC
GCACATGTGGTCAATGCATCACATGGACCAGTGGCGCTGGTCAGGCTCACTACCAAGAG
TCTGGTCATGCACAAGCATTGTGTGAGAACAACAGGCCAACACCGCGCACACAGCAAAC
ACGCGTGCACCGTCATCAGCTCAAATTATGGGCGCGAACGTTGCTGGCTCACTGGCATCA
CAGGCTGTACGAGGAATCGGTGAGCCTGGTCAGATGGGTGCTAATGTTCCGCGACGCGATG
GGTGGCAGCGGACGCTCTGGTGGCCGTGGTGGAGCAACTCAAGGCGGTGAGGCGCACAG
CGCAGCGGTGTGATGCTAAGAACGGTATCCGTGCACAGCGAGGTGAGAAGCCTTCTGTG
ACCGGCCAGGCGATGAATGCAGCAATGCGTTCAGCAGCGGTAAGCGGTGCGATGGCAAAC
ATGGACGGCAACAGTGTAGGTGGCACTGAAGCAGATCCACAGCAGGGGAGTGGCGTAACC
GAGAAGGGTGATAAAGGCGTTAAA

>naRXN01761-downstream
TAGCGTGTAAACACAATGACCG

>naRXN01765-upstream
GCAGTCCGTCGGTGTGCTTTTCCCTGAAGTGGCGGAGAGCTTCAGCCACAAATCCCAGT
CAAGGCATAACACCGCACACCAAGAATTTTAGGAGGGGTC

>naRXN01765
ATGAGCAACAACGTAGTGAAATATGAGTGCAGCGGTGACGCGGACAAACATTGTGCGAGTC
GATATGCATGTGCACTTGGAAGTCGACAGCTGCGGACACAAATCGATGCCGCGAGACATC
ATGGCGGCATCCTCGAAGTACTTTAAGACCGCGGAACGAACTCCCTCAGCAGATGCCATT
GCTGATATTTATAGGGAACACAAGATGGCGGCGGTGGTTTTACCATCGATGCGCGGACC
CAAATGGGGCATCTGCCGAACCTCGATTGATGATTTGGTGGCAAGCTGTGCCGCAACAAT
GACGTGCTGATCCCTTTTGGCAGTGTGGATCCTCGTACCGGCGAGGACGCGCTGGTGGAA
GCTCGCGGACAGGTGGAAGAACTCGGGGTGCGAGGCTTCAAATTCATCCATCGGTTCAA
GGATTGACCCATCCGCGCCAGAGTTCTACCCACTGTGGGAATTGCTCGAAAGTTTTGGA
TTGCCATGCGTGTTCATACCGGACAAAACGGCATGGGTGCAGGTCTTCCAGGTGGTCGA
GGCATTAAAGCTGCGCTTCTCCAACCCAATGTTGCTTGATGATGTTGCGGCGGACTTCCCG
AACCTGACCATCATCATGCGCGACCCCTTCTGTTCTTGGCAGGATGAGGCTAACTCGATT
GCCACCCACAAGGCCAATGTGTTTATTGATCTTTCCGGCTGGTTCGCCGAAGTATTTCCCA
GAGTCTTTGGTCAGACAGTCCAATAACGTGCTATCCAAGAAGGTGCTGTTTGGCAGGAC
TTCCCGCTGATTACCCAGAGAAATGGCTTGGCGCTTTCGCGAATCTGCCACTGAAGGAT
GAGGTTTCGTCGGGAATCCTCAAAGACAATGCGGTGAAGGTACTTGGCCTAGCCGCTAGC
ACTGAGCGCGGATCTCAAGCAGAAAAGGTGCTGCAACATGCG

>naRXN01765-downstream
TGATCCCATTCAGGTGCTGTTA

>naRXN01767-upstream
ACACCAGCCCTCCACAAGAGCGTCGAAGCAATCTACGCTTCGACGCTCTTTTTTTCATA
CCTACTCATCCCCACATAAGAAAAAAGACGACACCACC

>naRXN01767
ATGATTGACCATAAACTGTGGTTTAAACACAGTAACCAACAACGCCTCTGTCCGAGAAGCT
GCAGGAAAATGCGACATACCCATCAGAAGCTCAACGAGCAGCTTAACCGTCGAATACTC
CCTGAAAAGACCGTCATCGCTCTAGCACGCGCTTATGATCTCTACCTGTTGATGCGCTC
GTTTCGACCCGGACACCTCACCGAAGAAGAGGCTGGTAGTCGTGAAGAAGATGCCAGCCCA
GATTCAGCTGACGACTACCTACCTGGGCACTGAACTCGCACCTTGAATATGGCATTCTC
GGAGCTTTTGGCGACATCGCTGAAGAAGTAAACAGCGAAAGAGTTAACCGCGACAACGCC
ATAGAGCAAATTCGCGCATGGCTCGACGAGCTTCAGGCAGCCTATTCAACAACCTCCGC
AGCACTAAAACAGGCTACATCGAACTATTTCGAGACCTATCTCGAT

>naRXN01767-downstream
TAAACCCAACCAGCACAACAATA

>naRXN01769-upstream
ATTTTCAACAACCAGGACTAAAAACCTGCTGCTGTTGAGCGCTTCTCACAGATCATGCT
CACAACCCCGTTGCAGCACCAGCATAAATCTATATTCGCT

>naRXN01769
GTGACGGGGTTGTTGGGGCGCGCCACATTCACCTCTTTTCCCGATTGGTTTCTACTAC
ACACCCATGACCTCTATTACTACTACCGATACCCCGCTATATACAGCACTGCCCCATACC
CGTATCTCTGATGCGGAATTGTTGACACCAACAACAACGTGTCACGAGATTCTCGTTTAC
GGACCGGCTGAGTGCCAGGGTGTACAGCAACGCTTGACTTCTTTCACGCAAAAACATG
CCGGCCACCAAGTCACTGTAGCTGCCGGTGATGTAGCACATACCTACATCACCAAGAC
TTAGGTTATCTCCAAGCACCAGATTGTCACTGTCCGTATCAGTTCCTCTGCTTCTAACCAC
GACAACGAACACAACACCCAGATCCTGCACTGGTCCGGCGTTAATCGCTACCTCATGCAG
GCACTCTCCCGTACTCATTTT

>naRXN01769-downstream
TAGAAAGGTTTTTCCCGTCATGT

>naRXN01771-upstream
TGCCCCGCTGTTGGTGGTTCCGGAGCGGCGATAATCGCTAAACGTTTGAGGTGATTGTAT
GGGTATTTTCAGGTCGCGGTGCGCAGGATTTTGGGTGGAGC

>naRXN01771
ATGCACCAGGCTGGCCAGCTCATCAATGATCCCAGTCAGGGTCTGTGGCGCACTTCTGCC
CTGCGCTCGCCGGTTGCTCGGGTTGGACATGCCGTGTTGCGCCAGCGTGCCGGTGAGATC
TCGCGCATGCAAGGTCGTGAGTTTTCTCGCCCTGGGGATCAGTTCGACAGGTAGATTTG
CGCAGGCGACTGATTCAGGTCCATCCCCAATCAATTCCTACAGCGGATGCGATGGCCGTA
ACCATCACCATGGCGCTCACCGCTGCCACGATTGATCCGGTGAAGTTCGTGCGCGATTCA
CAGAACCCGGATGAAGAGATTTATTTGGCAGCTCAGATCGCATTGCGGGAAATGGTTATC
GCTATGCCTTTGGAGGATTTTCATCGGGGTGCGCATTGATCTAGAGCCTGTTTTGGTGGCT
GCTCAAGCTGCTGCGAAGAATGTGGGCGTGGAAGTCTCGTCAATCTTGCTGAAGGATCTG
AATCTTCCCCAGGAGTACTCGGGAGCGTTGCAGGAATCGATCGTTGCGAAAATTCAGCC
GAAACTGATCTGGAACGTGCACGAAATGAAGTGAAGTACCCGTGCTCGACTTGCCAGC
GCGAAAGTGTTGGAGCAAAATCCGATTCTTGCCAAAATTCGGATGATTGAAGCGCTCCCA
CCGGGATCCACAATTGAGGTTCCGGGAGGGTGACTCAAAGGCA

>naRXN01771-downstream
TAAAGTTGCCCATTTCCGGTGCCC

>naRXN01774-upstream
CTGCGCAAGAAGAGAAAAACAACGACAGCGAAGCTGCGTTCGGGCGAATCGGCGATAAT
CACACACCACTCTTCTGAGAGAATCCTGAGGTCATCACC

>naRXN01774
ATGTCACCGAATTCCAAGCTCGCGGTACTACTGCGCCCACTGTTGCTTTGTCCATGCGC
CAGATCGCGCACATCCGTGAAGAAATTAAGAAATCACCACTCGCTGCTTCCGTTTTCATC
ACACCCACCACCAAAACAATGGTTGTCCGAGATCTAGAATCACTGTTCCAGCAGCTCTAC
CACACAGATCTACCTGAACCATCCATCAAAGACAGTGGTCTTATCAGTGCTATCGGCTCT
AGCGCCGGCAATACCAATAATCCAGCACTCGCCCTAGAAACTCAGATGGCTTACCACCTG
GTGCTTGCTATGCACCACCGATGTTGCTACCTGGCACAAGGTGGTGACCAAAAACATC
ACCGAATCTGCTGCTGCACAAGATGCTGCGGTGAGCACAGTGCTAAATACGATGCTGTG
TACGATGCCGCACAACCTTATGGGCATCACTGTTGAGGAAGGTAATGTGCGGTAGCATCGCT
ATTGCCTTTAGCACAGCACGTGCAGACGGTAAATCTGATTGGTGTGTTTCCGGCATCAGC
CGCTACATCGAGGTACCGAAGCCTTGGATGCTGCGCGAGCTGTCACTAAAAATACTGAT
GCGCTCAATAAAACTGCTCTACCAGACGTGCAGCCGGCGCGGGTTGTGCATTACGACAG
TTCATGAACAAGTCCGCACACGATCATGGGGTTAATACTGCGGAAAAAGATCAACCAACC

CTGTTT

>naRXN01774-downstream
TAAAAGACTGTCCATTTAACAAC

>naRXN01787-upstream
CAGAAGCACGTATTTCTTCTTAACCTCGCACCTCATCTGGTGTGGGTTTTTTTGCATTTT
TTACACACCCCACTCCACACACACTCGCAAAGGATTCATC

>naRXN01787
ATGAGCAACAATGCTCTTTTAGTAGCAAACGAAGCCGACATCGGTCTCTACCTCCACTGG
AATGGTGGTCGCGACTCGATTGAGGCGTTTCTCGCTACGCCGCATACGCCGAGTTACCA
CCCATCAACGAAAATAACGATTGGTTGCCACCGTTTATTACTGTGCTGAAGAACTTCTTC
GGCAATGATGGTTCTGGCGTCTACCTCGAACCTGTCAATCAGGATTATCTCGACGGCATC
GACTATGACAACGGTGTTTACATGCTTGACGATTATGAGATCACTGAGCGTATTAATCCA
CCCGCTGTTGAGCAAGACTCCACGATCTCCACGACATGTTGATCAAAATTGATAAAGCT
CAACCACCTGTCGATCAACTCGGGAGTTTTCTCCATGGCCTAGAGACCTCTGTCGAGAT
TTGGGGGTTGGTGATCGCGTATTTTTGCCACGTTTAGCACCTTTGATAAGAACTCGGT
CGCTACCGCATCCACACTGTTCTCGGATTCGTCGAGAACGATCCGTTTAACCTATGACC
AGCAGCGAGCGATTTAAAGGTAAGCCCTATGTCGATATGTTTCGACAATCAAGACAACGCC
TTTAACCCAAATTCTATATCACTACAGATACCGTGCGCATCGTTGTCGATCCTGTACCG
GAAACTAATCCCGACGATGAGAAAGCAGGACGC

>naRXN01787-downstream
TAGCCATGTCTCGCAGCTACCCC

>naRXN01796-upstream
ATGTAACCTCGATCAGGTGGAAATGCCCGCAAAAGTGGCGGCGGTGGCCGAGGGATGGCCG
TTGGTGC GG CATCGGTGGCCTGCTACTAGTCGGGCTCTTC

>naRXN01796
TTGCTCCTTGGCGGTAACCCTGCCGAGATCGACCAGGTTTTAGGTGGCGATCAAACCCAG
ATCGAGTCTGGAGAGTCCACCGGAGCCGGCGACTTTGATCACTGCCAAACCGCGCAGAT
GCCAACGCCAGTGATGATTGTGCGCTTTACTACACCTCATTCTCCGTCAATGAAATGTGG
CAGACTTTGCTTCCAGCTCAGGCTGGTATCGAATACACCGAGCCGACATTGACTCTTTTC
AAAACTCCACCCAAACCGGCTGCGGTTTCTGCTTCTGCGTCCACTGGGCCGTTTACTGT
CCGTGAGACCAAGATGCTTATTTTACTTGTGCTTCTTCGATCAGATGCGTCAGTTCCGT
GCAGAAAACGCCCGCTTGCCAGATGTACATCGTGGCGCACGAGTACGGCCACCACGTC
CAAAACCTCGAGGGCACACTCGGACTGTCCAATTACAACGATCCGGGCGCTGATTCCAAC
GCCGTCAAGATCGAGTTGCAGGCCGATTGTCTACGAGGCATTTGGGCTAATCACTCCAGC
GAAGGCCCGGATCCGCTACTCCAACCCATCACCGAATCTGAGCTAGATTCCGCTCTCCTT
GCTGCAAGCGCCGTGGGCGACGACAATATCCAGCAACGATCCGGTGGCGATGTCAATCCT
GAAAGCTGGACTCACGGCTCATCGCAGCAGCGCAAAGACGCGTTCTCGCCGGCTACAAC
ACCGGCCAGATGAGCGCTGCGACTTCTCGGCCGGGGCGTCTACAACGACGCT

>naRXN01796-downstream
TAAAGCATTGCTTTTCGACGTCT

>naRXN01803-upstream
CTAGCGAAAGGCTTTAGCGACAAGGCTTTTTGCATGTTTTAATGCAGGGAATATTAAC
TTTTGTTAATCTCTGACCATTGACCTTGTACGCTTAAAC

>naRXN01803
ATGCGAAAGAAAAAGACGGTCAAATCTCCAGACTTCCGGAAAAATCCGCCAAAGCTG
GATAAAAGGCTTATGAAAAAGAACTAAAAGACTTCAAGCCGAACCTCGTCGATTTGCAA
CAATGGGTTGTGGAACCGGTGCGCGCGTGGTCATCGTCATGGAAGGCCGCGACGCCGCT
GGTAAAGGTTCTGCGATCAAGCGCATTACGCAGTACCTCAACCCCGGTCCGCAAGGATC
GAAGCGCTGCCACCCCAAACCTCTCGGGAAAAAGGGCAGTGGTATTTCCAGCGCTACATC
GAAAAATTGCCGACTGCTGGTGAGATCGTTATCTTTGACCGCTCCTGGTACAACCGTGCA

GGAGTCGAGCGCGTCATGGGATTTTGCACCTCCCAGGAGTACCGCCGATTCCCTTCACCAG
GCACCAATCTTTGAACGCCTGTTGGTGGAAGATGGCATTACCTGCGTAAATACTGGTTC
TCTGTATCTGATGAAGAGCAGATTGAGCGTTTCGAAGACCGCCTGAGCGATCCGCTGCGC
CGGTGGAAGTTGTCGCCAATGGATTTACAATCGATACCCGCTGGGAAGATTACTCACGC
GCAAAAGATGAGATGTTTCATCCACACGGACATCCCGTCAGCACCCTGGTACACGGTGGAA
TCTGAGGACAAGAAGCGTTCCCGCATCAACGTCATTTGCGATCTGCTCTCGACGATTCCCT
TATGAGAAGATCGATCGTCCATTGCCGGAATCCCTCATCGCCGAGATTCTGAATCTGAT
TATGTACGTCCCCCTCGCGATGAGTTCCGTTATGTTCCAGATGTGGCAGCACACTTGGAA
GAAGAGCGCATCAAGAAAGAAGAAAAAGCCAAGAAGGCAAAGAAGCCAGCTAAGGCTGCA
GGAAAGAAGCTCGGATAAGCAGAAGTCTTCCGAGGAAAAGGCAAGAAGAAGTCCAAGAAA

>naRXN01803-downstream
TAGAACGCCTTTTAAGGGGTGA

>naRXN01809-upstream
ACAACACGACAGTTGTAAC TAGTGGTTTCAACACCATTATCGGTATGACTCGTGGCGACT
CGTATCTCTCTGATGATCTCGATGACCTGGGTAAACCCG

>naRXN01809
ATGAACGAGCAGGAACGAGAAGCCTTAGAGGATGCTGCCCTTGAGGAAGCTGCCTTAGCC
GATGAATTAGCTGCATTAGAGGCTGAAGCTGGCGTACAAGGTCAGTCGAGCCTTATGAC
TATGCAGCAGACCTTGATGATGAGGACGAGTTGATGAGGACCCTTTTGCTCAGGATGAA
CCCCGTGACGTGGTCCGCTAGGTGAGTTGAGCAGTGATAACCATGTCTCTGAGGCTGTT
GCTGAAGACACTGGGACAAGTACAGAAGAGTCTGCACAAGAGGGCAGTCACGAAGAGTCG
GTAGACAATCCCCGTGATTTACCCGGCACTGCGACAGCGGTGCGATCTTTTCGACCCAGA
CTTCCCGTACCCAATGCACTGCGACCAGGACCACCCATCCGAACACAACCGGCAGTGAAC
ACCGACATAGATGATGGCGGGCAAGAGAATACAGCTGGCGGCGACTGCCGCGAGATGTGGGG
GCGGGAGTGTTTTTGGTACGCATTTTGGAGCTGGCTTTTGGGCAGGTTGATGTTACCCGC
CACATAAGGCATGAGCAGGCTATGCGAGATGGACACCAGGATCTCAGCGTCTTTGTCGGT
GCTGATGGGGCGATCATGCTGGAAGAACTTAAAAATCGTTACCAGCGCCCACCGGAGAAC
GAGCCCCATGATGATGATGTACCCGAAATGATAAAGACCACCGAGGAAACAGAGAAGGAG
AACGTAGAGATGGATCAGGATATAGCTGTAGTAGACAACGTTGATGAACAGGTTGTGGTG
ACACCTGCTCATGACGCTGACAGCGTAGCGGTTGTGCTGAACAGGTCGTTGCGTCAGAA
CCAACGCCAGAGCCGGTACCCAAGGTTGAGCACGTAGAGATGAGTGTGATCTAGCGGGT
GAGACTATTACCCGATTGATCAGGCAATTCGGTCTTTTATGCAGCTCAACGGTATTGAG
CACAGCGTGGTGTGCGACGCTTGGGGCTGATGACTCAGGTGGCACATAATAAGGAAGTT
GATGAGGTCTACGCTAAGGCACTTGCCGAGGGTGAATCCCATGCTCAGCAGCAGCATGAA
TTAGAAGCAGAAAATGAACGGCTTAAAAAAGAAGTTGATGCGCTCGCTGCAGAGCTTAGT
GCTGCGTTGATGGGCGAGGGTGGTGGTGCATGAC

>naRXN01809-downstream
TAAGGCCGTGACACCAATTGTGG

>naRXN01811-upstream
GAAGGAGAAGAGACATTGTCTCAAGAAGAGCTGACATTAGTCGCATTGAATTCTTATGAA
AAAGGAGAGTTGCCAAAGAAGAATATCATTATTTGAAAAC

>naRXN01811
GTGTTTGAATTTGATGATACCTTGCCAAAAGATATACAAGTAGACCGTACGTCCATGCAA
GTATTCGAAGCTTCAGAAAACCGTCAAAGAAGCGATAAAAGCTTCGATTGAACAAGGACAT
ACTCGCTATCCGGTTATCTTAGAATCAAAGACAATGTTTTAGGTTATGTCACCTTGCCA
GATTTGATCAAGCAATCTTATAAAGATGACCAGCTGACAGTAGAACAGTTGATTGAAGAG
CCGATCGTAACAACGATCCCTATAAAAAAATTATTGACGATCATGCGAAAAAAG
GGAAAGCATATTGCTATCTTAAAGATGAATACGGAGGGACAAGCGGCTTAGTGACGATT
GAAGATATTTTAGAAGAAATCGTCGGGGAAATCCGAGATGAGACAGATTTGGACGAAGCA
TTGATAGCGGAACAGTCAGATGGCTCTTATATCATCTCCGGCAAACCTAACATTAGATGAT
TTCCAGCGTTATTTTCATGTAGAGATTCCAGAGTTTGAAGAAACGAATTTTACTACACTT
GCGGGCTTTGCTTCTAGCCGATATAAAGAAATAAAGCAGGAACAATCATTGAGATTGCA
TCATTCGGTTTCACGGTATTAGAATACCAGCATGCACATATCGATTATTTCAAAGTAGAG

TCCACGGAAAGAAAAACAGAA

>naRXN01811-downstream
TAAAAGAAAAAGGCTGTGACAT

>naRXN01813-upstream
GCGAGAATTCAAGAAAACAAAACAGATCAAAGTAAGGCAACAAGTGAGCAACAAAGTTCA
GAATCCGAACCAAGGTGGAAGCAAGAACTTCCTCTGGGCA

>naRXN01813
ATGGTGGCGATCGTCGTTGCAATCGTCGTCGTCGGCTTCATCGTCATCCAAGGCCAG
GGCTCAAAGCAGCCAAGCTTGGTGACCGGACTACGAAGACACCTCTTTGGCAATGGAA
GTAGGCTCCGACTCCATCAGCTGACCTCCGCAACACCTCCGCCGACGCAAGTCCGTG
CAGCTTTTTGAAGACTTCTCCTGCTCTCACTGCTCCGAGCTCTCCCTCGCCACCGACGCT
GACATGAAGACTCAGATCGAAGACGGCAACCTGGTCGTCGAAATCAAGCCACTGAACTTC
CTTGACCGGAAAAACATCGACGGCCACTCCACCCACGCATTGGCAGCAGCCCTTGCACTG
GCAGACTCCAACGACGCAACCCCTCTACTGGAACCTCCGCGCATTCTCATGGAAGATCAG
TCCGAGATCTACAACCAAGTGGTCCGATGATGACTTCGCAGACGGCGTTGAAGCCCTTGGC
GCAGACTCCTCCGTAGTAGACGCAATCCGAAACGGCGACAACATCCAGCGCGCATACGAC
CTGGCAACCGCAAACGGTGAAGAACTCACTGAAGAAACCGGCAGCCTGTCTCACCACGC
GTCCTCCAGGACGGCAAGGATGTTGAAGGCAACATCTCCGACTGGATCACCCTGTTCTA
GCTTCT

>naRXN01813-downstream
TAAAGAACTGATCTAGAAGGAAA

>naRXN01815-upstream
GAATGAAAAGAAGTGGTGGCCGATGCTTGGCTATCTCAGCCTGACTTTTACACTTGGATA
TTCTGCTGTTTTTCTCGGGATGCGGCTCTAGAATTGTAGA

>naRXN01815
ATGAATCGTTCAACAATTTCCCCAGTTGAAGCCCGCCAGCAATTCGCGCAGGCCTTATC
CAACCCACCTCCGGCTGGTCCGCGGGTTTTGCCCAAGCCAACCTCATTTCCATGCCCCAG
GATCTGGCTTATGATTTCTGCTTTTTGCTCAACGCAACCCCAAGCCCTGCCCATCTTG
GAAGTATTAAATGCTGGCGAAACCTTCGGCGGAATTTTCGGCTCAAACGCCACCGAAGCA
GACATCCGCACCGACGCGCCCCAATACCGCATTTACGCACACGGCGAACTTATCGATTCC
CCCGCCAGCGCCGTCGATTATTGGCGCGACGACCTCGTCAGTTTCATCATCGGCTGCTCC
TTTACTTTTGAACATCCCATGGTCCAAGCAGGCGTTCCCGTCCGCCACCTCGAGGCGGCG
CGCAACGTCCCATGTATGAAACCTCACTTGCCGTGCCGACCAGCCGGTTCCCTATCAGGA
AACCTCGTGGTGTCACTGCGCATGATCCCCGCATCCCAAGTCGCGGATGCCGTCCGCATT
ACCTCCCGCTACCCCGCGGTTACGAGGACACAGTCCACATCGGCGATCCTTCACTGATC
GGAATCGATGACATCAACAACCTGATTTCCGCGATGCCCGCTGTCCGAACCAAGCGAC
GTCCCCGTGTTTTGGGCCTGCGGAGTTACCCCTCAAGCAATGGTCATGTCTCCAAGCCA
CCGCTGGCGATCACTCACGACCCGGACACATGCTGATCACCGACGCCCCAGATCTGGGA
TTCCAGGTTTCCT

>naRXN01815-downstream
TAAACCTGGATCCACCGATGTGA

>naRXN01825-upstream
GTCAAGGTAGCTGGCCCGCAACTGATACGTTAAGCTCAAACAAGATAAGTACCAGTTGC
TGGGGTTTTTCCAAGACAATAAATTATGAAGGTGTGAACA

>naRXN01825
ATGCCAAAGGCAAGAGTAACTAAAAACGAGACCGCACCGGTTTCAAGCAACCCAAGCGCA
AACCACACCCCGTTAAGATCAATTCGCCCGGAACCCCAATGTGGTACAAGGTATCATG
TTTGCTTTCATGATCGTCGGCCTAGCCTGGTTGATCATTAACTACCTCGTGGGCCCCACAG
ATCCCATTCATGGCTGATCTTGGTGCATGGAACATATGGCATCGGCTTCGGTCTGATGATC

ATCGGCCTACTCATGACCATGGGTTGGCGT

>naRXN01825-downstream
TAATCCTTCAAAAAAGTGA CTGC

>naRXN01831-upstream
CCTGTGGATAATTGGTTGTTGGCTGATGGTGATGTCATTACGGTGGGTCATTCCAATATC
GAAGTTCGTATTGTTAGTCCCTAGAGGGAGAGGTTGATCA

>naRXN01831
ATGGATTCTCTGGTCCTTCTTGGGCTTCGCATCGCTTTGCTTGTGGTGTTGTGGTTTTTC
GTCTTGATGGCGCTGCGCGCTATGAGGGCAGATTTGAAAGTGACGGGTCAAGCGTCGACA
AGCAGCTCCTCCGTGCGGGCAGGCGCTTGGCCGGGCTTTAATCGCTCCAGCCCG
CCTCGTCTTTTGACGGTGGTTCGAGGGCCCGTTGGCGGGCTCCTCGATTGAGGTGTGCGAG
GATATGACGATGGGCCGTAGCCCTGAGTGCACGTTTGTGGTGGGCGATGATTACGCCTCC
GGCATGCATGCGGGGTGTTTAAGCGTGGTTCGGAGTGGTTTGTGGAGGATCTGGATTTCG
CGCAACGGCACTTTTGTGGTGGTACGCGCATTGATCAGCCTGAGCAGATTGCGGTGGGC
ACGGATATCCGTATTGGTTCGTACAGCAGTGAGGCTTGTTCCC

>naRXN01831-downstream
TGATGTTGAAACTTAAATATGCG

naRXN01834-upstream
ACTAAGAACGTGAGCTTGGTTTCATAATACCCCCAGGGTATTGTTAGCCAGGTGATTCT
AGCCCTTCTTGGCGGCCTAATAATAGGCCTACTTCTTGGC

>naRXN01834
ATGCTCGGTGGTGGCGGTGCCATCCTTGCCATTCCGCTGCTTATTTATGGATTTTCTTTT
AGCGCCACGCAAGCTACTGCAGCTTCATTAATCATCATCGGACTTGGCGCCCTCATTGGA
CTGATCAGCCAAATACGCTGCCGGGCACGTCCGCCCTTAAAGAGGGTCTAAGCTTTGGCCTT
TTAGGGTTGGTTCGGCTCATTGTGGGCAGTCACCTTGCTAGCAATATCCCCGATTCCCTA
CTCCTGAGCGGCTTTGCCATCCTCACGCTCGTGGTGGCGTTGACCATGATTCTAAATTA
AGAAGCACCCGAGAATACATAACCAGAAGGCCAAGCATCCTTGCCATTGCTCTTAGTGCC
ACCGGCGTGGGATTTTGTACGGGATTTTTTGGTGTGGGTGGCGGTTTTGCCATTGTGCCA
GCCTTGATTTTTCGCTCGGTTTTTCCATGCGGCAGGCTAGCGCCACTTCCCTAGTGGTG
ATCGCCGTTAACAGCGCTATTGCCATGGGATTTAGATATTCCGATTTGGCAAGTATTGAC
TGGTCAGTGATCTCGCCAATTATCATCACCACCGTATTGGGCGCTTTTAGTGGCGTAAAA
CTAGCCAAAAAGGTCAAAGCATCATCACTGCAACTAGGTTTTGCTGGCTTCTTGATCTTC
ATTTTCGATCTATATGGGATTTTCAGAATTTCCCGACCTTTTT

>naRXN01834-downstream
TAAAACTTCAAAATATACCCCC

>naRXN01846-upstream
GTATTTAGGAATTGAAACCCACTAAAAACAGACTAAGTTACTAGGTGATAACAAAAGTT
GTTTATTACTTATGGGAATAGTGTGGAAAGTAGGGTGAAT

>naRXN01846
ATGTCAATTCTGGAAATGTTAGTTATGTTGCACAGGGTGGCACCGGTTGGGATGGTGCT
GATCAGTACACCACGGGTGAGAGTTGGGATCTACAGTCGTTTCTTGAAACTCGACTGAC
TACCTCATGATTATTGGTGGTTTCGCTGCTGGCACTTGTGGTGGTGCTGCTGTGATTGG
GGCTTTGTCAACGTGATGCGCAAGCTCTTCGGTGGTCAGAGTGGTCAGCAGATTCAGTGG
TTCACCACTATTTTGCTCATCATTTGTCGGTGGTGGCTTGCCCT

>naRXN01847-upstream
GACGTGTGATCATAGGTGACAAATATACCCTCTCAACTTGGCTTCGACTGCCCTGCCCCC
TCGATTTAAGAGGCAAGGCTTTTACAGTATCCTCTCATGC

>naRXN01847

ATGCTTATTGTGTTGCCTCCCTCAGAACTAAGACCCACGGCGGTTTCAGGAAAACCTCTG
GATTTTCACCATTTGAGTTTCCCGTCGCTACCAAGGCACGCCAAACAATACTCGCTGAC
CTGCAAGCTTTGGAGGTAGATGAGGCGCTGAAAGTTTGGGCATTTCTGAAAAGCTCCGC
CCTGAGGCCGAATCCAATCGCGCGCTGGAGACCAGCCCTACGATGCCTGCGATTTTTCGG
TATTCGGAGTGCTTTATGATGCGCTCGACGCTGCAACGCTGCCGGAGAAAGCACTGGAA
CGCCTCGCCATCGGCTCGGCACCTTTTCGGCGTCATCCACGCCACCGATCCGATCCCGCAT
TACCGCCTGTCCGGCGGCACAAACTGCCACCAAAGCGGCGAGCTGCCACCATGAAG
GCGCGTTGGGGCACAAGCATCAGCGAAGCGCTTATCGACGTCAACCAGCTGGTGATTGAT
CTTCGACGCGGGACCTACCAACAGTTGGGTGCGCTAAAAGACGCCGTACCGGTACGCGTG
GAATCAGTCATGGAGGATGGCTCCCGCAAAGTAGTCAGCCACTTTAACAAACACTACAAA
GGTGAACTCGCCCCGCTGCTCGCGCTCTCTGAAAAAGAAGCACACACCGCAGAGGACGTA
ATGAGCATTGCGCAGGCTGCGGGCCTTGTGGTGAGGAAAACCCCAACCACAAGGAAACC
CTCACTCTGGTTGTC

>naRXN01847-downstream
TAGGCGTTAATCACCATTTTGAT

>naRXN01874-upstream

AGTGTGCGGCGCAGCATTTGTGGGCGGTGCTTTGGCGTGGCACGCAGCAGTTTGGCATCAC
AGTTCCGGAGCGCAAAACGCGGTACGCTTTTCGCGTCGCA

>naRXN01874

GTGATCGCGTATGTTGCCAGCGCGTGCTGCCTGCCGTTTGGCGCATTTGCCGGAGCGTTG
TTGTCCAAGGAGCTGTCGGGACATCTCCAGGAACGAGTCCTTCTCACCACACGGTGATT
AATTTTCTAGTTTCGTGGGATTTGCTGCGCTCGGTTTCGCTGTCGGTGCTGTTCCGCCG
ATTTGGCGCACAAAATTCGCCACAATTTACCCCGTGGTCTGTGGGGATCATGGCGGTG
AGCCTGCCGATCATCGTCAAGGCGATCCTGCTCAACAACGGCTATGTCGCCGCCACAGGC
CTGGCCGCGTACGTGGCAGCATGGTTGCTGGCCATGGTGGGGTGGGGG

naRXN01875-upstream

AATCCTATCCCTAAAAAGTTTCTAACAAAAGTATTGCACTTACTTTTTGATAGTGCTATC
TTCAGTTGTGTACTTGAAACACACACGAATGGAGCAAGAA

>naRXN01875

ATGCGTATTGCAGTAACTGGAGCAACGGGATCTTTGGGTGGACATGTTGTGGATAGTCTT
CTAAACAAGGGCGTCGCAGCATCAGACATCGTTGCCATTGTTTCGAAATGAAGAAAAGGCA
GCAGACCTCAAAGCCCGTGGAATCGCTCTTGGTGTGGCTACTTTTGAAGACGAAGCGGCA
CTGACTGCAGCTCTTGAAGGTGTGGATCGCCTTGTGTTTATCTCTGGCAGCGAAGTGGGG
CAGCGCGTTGCGCAGCACACCAATGTCATCAATGCCGCTAAAGCAGCTGGCGTGACATTC
ATTGCATACACAGCTTGCTCAACCTTGGTACCTCAAAGCTTGCACTTGCTCCAGAGCAC
ATTGCAACGGAAAAGCTCCTGGCAGAAAGCGGCATTGACCACGCGCTGCTGCGCAATGGT
TGGTACTGGGAGAACTACGAATCTTCAATTGGCGCAGCGAAGGCCACCGGGAAGGTATTC
GGCGCAGCTGAAGGCGCACGCGTTTCCGCAGCCGCACGTAAGGACTACGCAGAGGCAGCT
GCTGTTGTATCACCAGCGACAACCAGGCAGGCAAGGTCTATGAGCTCGCAGGCGCACCA
GCTTTGACCTACCCAGAGATCGCAGCTGGCATTGGTGAGGTGATTGGTTCTGAGGCAGAA
TACGTCAACCTCTCCGTGGAGGAGTACCAAAATGCGCTGGAGCAGGCTGGCGTTCCAGCT
GAATTTGCAGCACTTCTCGCAGGCATGGATCCCATCATTGCAGAGGGCGCGCTGTACTCC
GACAGCACCGACCTACAGGATCTCATCGGACGCCCGAGCACCTCAATCGTTGAGGCCCTG
AGCTCA

>naRXN01875-downstream
TAACCTGCTACTACCTAAAATG

naRXN01877-upstream

GTACCCGTATTGTACTAATTGTAATTCCCCGGAGAGGGAAGAAGTTTACATGGCGCCCCA
TCAGAAGTCAGGGATCAACCGGATCAACAGCACCCGCTCG

>naRXN01877

GTGCCGTTGCGTTTGGCTACCGGTGGCGTGCTCGCCACCTTGCTTATCGGCGGAGTCACC
GCTGCAGCTACCAAAAAGGACATCATTGTTGATGTCAACGGCGAGCAGATGTCCCTAGTG
ACTATGTCCGGCACTGTTGAAGGTGTGCTGGCGCAAGCTGGTGTGGAACCTGGTGACCAG
GACATTGTTTTCCCTTCACTGGATTTCATCCATCAGTGATGAAGACACTGTGACTGTTTCGT
ACTGCCAAGCAGGTGGCGCTCGTGGTGGAAAGGTCAAATCCAAAACGTGACCACCACTGCG
GTTTTCCGTGGAGGACCTCCTGCAGGAAGTCGGTGGCATTACCGGTGCTGATGCGGTGGAC
GCTGATCTTTTCAGAGACCATCCCAGAATCTGGTTTGAAGGTGAGTGTACCAAGCCGAAG
ATTATTTCCATCAATGATGGTGGCAAGGTCACCTACGTTTCTTTGGCAGCTCAGAACGTA
CAGGAAGCCCTAGAGCTGCGGGATATTGAGCTGGGTGCTCAGGACCGCATTAATGTGCCT
CTGGATCAGCAGCTGAAGAACAACGCTGCGATCCAGATCGACCGGTTGACAACACCGAA
ATCACTGAACTGTGTCTTTTCGATGCTGAGCCAACCTACGTGGATGATCCAGAAGCTCCA
GCTGGCGATGAACTGTGGTCAGGAAGAATCTTCCACGGTGATCAATGAAGTTGAAATCACC
GCAGCAAAGCCAGCAACCATTAGCCGTGGCACCAAAACCTGTCGCTGCAAACTCCGTGTGG
GATCAGCTGGCACAGTGTGAATCCGGCGGAACTGGGCAATCAACACAGGTAATGGCTTC
TCCGGCGGCCCTACAGTTCCACCCACAGACCTGGCTCGCATACGGTGGTGGAGCTTTCTCC
GGTGACGCTTCCGGTGCAAGCCGTGAACAGCAAATCTCCATCGCAGAAAAGGTTTCAGGCT
GCACAAGGTTGGGGAGCATGGCCTGCTTGACCGCAAGCTTGGGCATCCGA

>naRXN01877-downstream
TAGTAGAAATCTGGCATCCAATA

>naRXN01879-upstream

CTTTGCGGGCCGCTGATATTGATCCAACGCTTCGTGGCGAAAAGCTTGATGTCACTGACT
ATGTGCGCCTAGCTGGGGTGTTCAGCAAAAGGATGAGAA

>naRXN01879

GTGAAAATTACCGCTAAGGCGTGGGCGAAAACCAACCTGCATTTAGGTGTGGGACCGGCT
CACGACGATGGATTTCACGAGCTCATGACGGTGTTCAAACCATTGATCTGTTTGACACC
GTCACCTTAACCACCCCTCGATGAGGAGTTGGTGGAGGAGGGAGCGTCGTCAAGCAATTA
TCTGTGACCGGTGCCCGTGGCGTGCCTGAGGACGCCAGCAATCTTGCCTGGCGCGCTGTG
GATGCGTTGGTTAAGCGGCGCGCGAAAAGACGCCGCTGTCTGCAGTTTCGCTGCATATT
TCCAAGGGGATTCCGGTGGCTGGCGGCATGGCTGGCGGCTCTGCGGATGCGGCTGCGACA
CTGCGCGCAGTGGATGCCTGGATTGGGCCTTTCGCGGAGGACACATTGCTGGAGGTTGCC
GCGGAGCTCGGCTCAGATGTGCCGTTTTGCCCTGCTGGTGGCACCATGCGCGGTACCGGT
CGCGGCGAGCAGCTGGTAGATATGTTGACGCGCGGCAAGCTACATTGGGTGGTGGCCGCG
ATGGCGCATGGCTGTCCACGCCTGAGGTATTCAAAAAGCATGATGAGCTGAATCCGGAA
TCGCATATGGATATCAGCGACCTCAGCGCCGCACTTCTCACCAGCAACACCGCCGAGGTG
GGGCGATGGCTGCACAATGATCTGACGAGCGCGCACTCAGTTTGCGCCCTGAAGTGCAG
AGCGTCTTCCAAGAAGGCATCCGCTCCGGCGCGCATGCAGGAATTGTCTCCGGCTCCGGC
CCGACCACGGTATTCTGTGCGAATCGGAGCACAAAGCGCAAGACGTTAAAGAGGCGCTA
ATCGACGCCGCGCAGGTGTACGCTGCTTACACCGCCACCGGCCCTGCGGCCTCAACCGCC
GACCAGCGCGCGCACACATTTTGAAGTGTTC

>naRXN01879-downstream
TAATAAAGACAACTTAAGTATC

>naRXN01896-upstream

TTATTGGGCGAGCTCTTTTGGACCGGAAGTCACCCCGAGCTGCGCCACAGCATTGCTTA
TTGGATCCGCGGAACCACATCAAACGCTAGAGTGATTCC

>naRXN01896

ATGACGCATGCGATCCTCTTTGACCTCGACGGCACCCCTCGTTGATCACGCTTCCGCCGCC
CGCGCCGCCCTGCACGCCTGGTCGCCGACCGTGGGCGTCGACACGGATGTTGAGCGCTGG
ATTGAGCTGGATAAGTGGGGTTTTGCCCGTTTTGAGCGCGCGGAAACCACGCATTTAGGT
CAGCGGCGCGACCGCATCAGGGCGTACCTCAACAGAGAGCTTGACGACGCCACCTGCGAT
GATATTTACTCCGGCTACCTTAAAGCATATGAGCAAACTGGACTGCCTACCCCGATGCC

AAGGGCGTTCTCGATCGCGCGGTAGCCACCGGTGCCCTGTGGGAATCCTGACCAATGGC
GCAGCCCCCATGCAGCAAGACAAGCTTGATCGCACCGGCCCTTGGCCTGCCAGAACTCGTC
ATGTTGGCGGCGTCCACTCTGGATTCTGCGAAGCCTCGCCCCGAAATGTATGCCCCGAGCG
CTCACCCATTTGGGTGCCCCGAACCGCAACAATTATCGGCGATGATTGGACCAACGATGTC
GCAGCTCCCCGGAACCTTGGCTGGAATGCTCTCTATTAGATCGTTCGGGAACCGATCCA
CGCGCCGATATCCACTCCCTGGATGAACTCTTTCAC

>naRXN01896-downstream
TAGGCTGGCCTTTATTGTTTCCG

>naRXN01899-upstream
CCTCGCAGCACTTCGCGCAGGCGAATCCACAGTGGCCGCAACCTTGATCAAAGAACACAT
CGAAGGCTACTACGAAGAAACCGCTGCCGCCGAGGCCTAA

>naRXN01899
ATGTCCCGCACTCTGTGGGCGGTTTTCAGATCTACACGTACCTTCGCCCAAAACCAAAAC
ACCGTTGATGCCCTCATGCCGAGGACCCCGCGACTGGCTGATCGTCGCTGGCGATGTA
GCAGAGAAAATCCCCGATGTGGTACGTACCTTATCCGCGCTGGTCAAACGCTTTGACACC
GTGATTTGGGTGCCGGGCAACCACGAACCTTTCAACCGGAAAACAGACCGCGTCAACGGC
AAAGCCCGCTACCGAGCATTAGTCGACAACTCCGAGCCATCGGCGTGATCACCCCCGAA
GATCCCTATCCGATCTTTGGTGGCGTCACCATCTGCCCACTTTTTCACACTTTACGATTAC
TCTTTCCGTCCCTCGGCCTCACCGCGAAACAAGCCCTCGCCCAAGCAAAAATAAAGCTA
GACGACGAAC TAGCCATCGCCCCCTACGTAGACATCCCCGCTGGTGCGCCGAACGAGTC
ACCTACACAGAAGACCGCCTAAAAGCCACCAAGGCCCAAAAGTCCTGGTCAATCACTGG
CCGCTGGTCATTGAGCCCCACCCACCGGCTCTTCCAAAAAGACATCGCGCTGTGGTGTGGA
ACCACCGCCACCAGGATTGGGCGGTACGATTCAACGCTCTCATGGCCATTACGGGTAC
CTACATATTCTGCCGAAACCCGCGTTGATGGGGTAAGCCACGTGGAGGTTTCTTTGGGT
TACCCCTTTGAAAAACCCACCTCACATGAAGCGTCCGTGGCCGTTTCCGGTCATGCAG
ATTAAAC

>naRXN01899-downstream
TAACTCTGTTGCTTAAATGGGGG

>naRXN01902-upstream
GGCTGGTCCGAAGTGCAAACCTTCAACACCGGCACCTACGGTGACAACCTGGAACCTTCCTC
TTCTTCGGCGACACCCAGCTGTACAACACCCACTCCAACC

>naRXN01902
GTGCAGAAGAAGTCCAGAACTGGGCAAACAACCTGGAACGGCGGCCACCAATCGAAAAAC
CCAGGAACCTCCTTCATCCTCTCCGCGGGTGATCAGGCAAACCACTCCAGCTGGGACGAG
CACTCCGCATACATCTCCCCAGAAACCTGCGCAACTACCGTCTGGCCGTGAACAATGGA
AACCACGACCAAGTACAACTACGACGCTACAACGCGATGTACCCACGCCCTAACCAAGTC
GATGAGAATACTTCTTCGAGTACAACAATGCACTCTTCTGTCCCTGGACTCCAACGAC
TACTTGGACATCGACGACGACATCGCATTCCTTCGCGACACCGTCGACGACACGGTGAC
GACAAGGACTGGATCGTCCTGACCTACCACCATTCCTTTCTCCAGGCCCTACCACATG
GATGACGCTCGCATTAAGTACCAGCGCAACGCCTACCCCAAGTGATCTCTGAACTGAAC
GTTGACTTGGTTCTCGGTGGACACGACCACATCTACACCCGCTCCACCTGATGAACGGC
TTCACCCCAAGTCGATGCAGGCCGCGAAGCAGTTGTCCGTGAAACTCTGAACCCTAAGGCC
GGCGAAGTTGTTTACCTTGCAACCAACTCTTCTCAGGCTCCAAGTTCTACGACTTCTAC
GACTTCCAGCTCGGCCAGCGTTACGACACCGGACTGGATTTCAGGAAACCGTCGATCAG
AAGAAGATCCGCACCTACACCGCAGTCTGGAACCAAGGACCAAGTTTCAAGACTACACCAAC
GTTGAACTGACCCAGAAAGGCTGACTGTGACCACTAAGGACGCACTCTCCGCGAGCTG
GTTGACCAGTTACCCCTGAGCAAGCAGGACCGCGACGAAGAATCTGAAGTCCCAAGTTGAA
GATGACAAGGACGGAGACAACGCGACCGGCTCCTCAACCTTGGTCTAGCTGCTATCTTG
GCTCCAGTTCTGGCCATCTTCGGTTTCTGTCGGTGGACTCTTTGTTGGCGGCGGCTCCCTC
GCTGAGTTCTTTGCCAACCTCGGCGTGAAGATGCCTTTC

>naRXN01902-downstream
TAATACTGTCTGAGATTCAAGCA

>naRXN01908-upstream

TCCACGACATCTGACACAGAAAGAAGATTCACCATGTCTAAGAACAACGCAGCTCACCCG
CAGTCTGTCTTCCATATTTTCATATCCCAGCACATACCACT

>naRXN01908

ATGCACCTCTGACCGCTTTGAGCACCCAGACAACGGCTATGGGTACACCATTCGTCAGGAC
ACTGATGCAGAGAACCCGATGACCCATCACGATACGAAAGATGCAGCTCTCTGGGTTCAC
AACCGACCACGACGCGGAGATACCGTCGCCGATAAGCCAGAAGGCAATGAGATTCTCGAC
ATCTTTGCCAAGTTCATCTGCGGCCAGCACGATAATGATGACAACCCGTTCGAAGTCTGG
TCCGACGGTGACTCGGATGCATCACTCATCCGCACCAAGGCGTATGTTGCCGAGCACAC
CCCGAACTTATATTCGACATCTCTGCGAAAACCATCACGGGTATTCCCAAGGCGATTGG
CTCGATGTGGTCTGTGTTACTACTGCCGCCACTTGCGACGAACTTATCCCTGCTGACAGT
CTTATTGACATCTACCGCCAGTGGGCTTTTGGTGATGTGTGGACAGTGATTCTGATTCT
CAGCCAGGTCTCGCAGGTATTTATGCTGACGATCCAGCTGACGCCCTTGCGTACTATCAA
GAGAATTTGGAAGATGAACCCATCTGGGATCTCTTAAGCCGCCACGACGCTGACAAAGAC
GCCGACGACTGGCAGCTGCCTCTGCTGCAGAAAACACGCACTAGCGCGAGGTACTACC
CCAGTCGTTATCCGTACCCAAGACATCATCTAAGCGCGATACCTCATGTCTGATAGT
GCTGATGACAAATCCAGAATACGATCGCGCCTTGGTCAACTTAGTGCTTATCTCTTAAGT
ATCGACCTCGATGATCGCGTTGCTGCAGAGATGACCATTTTAGGTGCGCCTGTGCCTAAA
GAAGGA

>naRXN01908-downstream

TAACCACCACACCAGAAAAGAAG

>naRXN01909-upstream

TTAATAAGAATTGTTCTGGGAAGTAATATAAAAAGTCCCGAACAAATTAGTGTAAGGG
TTTGTATC

>naRXN01909

ATGGCTAATTTTGAAGCAAGGATAAAGATGGCAATGTCTCAATCCGAACGCGTCTACT
AAAGGTGTAGATCTTGTGTCAACGTCTACGACAGCGCCAAGCATGTGACCGAAAAGGGT
AACACTGTCCACTTTGTGGATGTTTCAAGGTAGCGCAAATTCGATTGACGCTGACGGCACT
CGTGCGAATGCGAATCTTGACACACAGACTATGCCTCATCTGCATCTTGACACTAAGGAC
GGTCAGCGCAACACAGGTGTTGCGTATTCTGATGCGCAGATTCAAGCGATGCAGACGGTG
GCAGCACAGGGGCGCAACCATATGACCCCGCTCTTGAGCAAAGACGGTGAGACAGTTGGT
TACTCCATGTTGGTCAAGGCTGATGTCTGTTCCCGAAGACCAAGGACGGCAAGTCTCTC
CCTGCGGTCTGAACACTAAGTCTCTGCAGCCATCTGGGGTTCCTATTTTCGGACGCGATG
AATATTCAGCAGCAGCAGTTTATGGCTGTGGCAATGAATCGCCAAGCAGCAGAAGCGCAG
AAGGCTGCACAAGCCCAAGCGACCCAGGCTCAAGCACCACAGGTGGCACCAGCAGCAGTT
ATGCAGAAATCAGCAATTCAGGCACCAAGTGCCACAGGGCCAGCAGCCAGCATATGCAGGA
GCCCCGTGTCTATGCAGACGCGGTAGCTCATGCAACCGCGCAGCAGGCGCAGCAGCT
CAGGCACCGCAGGCACCTGCTGGGAATCCGTTTAAACAGCCGCCAGCAGTAGCAGCAGCT
CTGGCACCGCAGACGCGCCAGCAGTAGCAGCAGCTCTGGCACCGCAGACGCGCAGCAG
CCGGCAGCACAACTCAGATGGATAACGAGCCACCGTTT

>naRXN01909-downstream

TAAAGGCGCAATACACCACACCC

>naRXN01910-upstream

CACCGTTTTAAAGGCGCAATACACCACACCCCAACAACTTTTTGATTGTTGGGGTGTTT
GTCTCAGATCATGAACAGCACAAATGTAGGAGAAGATTGAT

>naRXN01910

ATGGCATTTCCGCTTCTAGCGGTTGCTGGCACAGTTGCCCCCGTTGCAGCAGGATGGGCA
AAAGATAAGTTTCTCAGCAACTCTCAGAATAATCAGCAGGCCAGAAATCAGCAGATGAGT
TTTGGACAGGTCAACAACAGCGCACAGAATTCTGGATCAGAAAACAGCGTTTCATGGGT
CAATACGGCAATCTGGGTGCAGGTTTGGCAGGTGCTGTACAGGCGCAGGGCTTGCGTAT
AGCGATTTTGAAGATGGTCAAAGTTTGTCTCGAAGGCCGCAACATGGTCGGCAAAGGG

CTCGCTGGTGCCGGAGCTGGTGTGTTACCAAGCTTGCCAATGATGCAATTCAGGCCGAG
 GGTGGCTCGATGAAGGCTAGTGCTTATTCTGCCATTGCAGGCGGCTTGGGATCGTATCTC
 AAAGACGGCGGTCCGGGTGTGATTAAATCCGCGATGGCCAGCGGTGCAGCCGGTTTTGGT
 GCGGATAAAGTGCACGATAAATTAGCTGAGTCTGGTCATGAGGGGTGGCTGATTCCTTG
 TCGGGCGCTATTCAAGGAGGTGGTCTTGGTTACTCCACGCTTGGCGGTGTCAGTGGTGCT
 GGTATTGGCGGTGCGACGGGCGGTCTCGCAGGACTAGCACAAAACACTTTGGTGGTGGC
 GATGACTACAGCAACGCTGGGGCATCTGCATCGGGGTTAGTGCCAACGAGGTTAATAGT
 GAGATCAGCACCGAGATTCCGCGATTTGCGAATCTTGGTCAACCACAGCGATCCGAGCTT
 GAACAATTAGCGCTACCTCAAGAATCACGGTCTGTAGATAAGAGCTACGACCAAGGCTAC
 GAAGCG

>naRXN01910-downstream
 TAAGCGCTTTATAACAACCCCGT

>naRXN01911-upstream
 AGATGCCGAGATCACCGAGTGAGCGTTACTGAGATCACTGAGTCTCGATGGGTAATCCA
 TATAATTGTGAGCGGATTCTTAGTGCGCTCGCGGTTCTG

>naRXN01911
 GTGTTTTATTATTGGCGCCGGCTTGCCACTGTTGTACGTGCCGATTTTTGTGACTGTCATC
 GTCATGGTGGTGTATGCGCTATTGCGCTATGAGCAGCGCATGTCAGGCACAGTCTACGAG
 GAAGCAGATCCTGTGCAAAATGGATTCACTGATCTGGGAGGGCATCAAGTGCATATTGCC
 TCGGATATTGCGAGCCGAGCAGAAGCGAAAAAGCGAAAAAGCCAGTTGCGTCAGATGCT
 GTTGCTGTTGGTAACTATATCGCGTCTTGCCTCAGCATATGTTGGTAGAAACCCAGCGA
 CGTTATCACCACAAGCTTGGTCGTGAGCTGCATAATGATCCAGCGCAACTAGAGGATTAT
 GGCTCTGGTCTGCGTGAAGTGTGAGTGTGCGGCATGTGTGGTGGCTCAGAAATTGGGTGTC
 ACGGTGCACGCTCATGGTGTGGTGCAGGCGAGCGCACGTAAAAAGATCGCGTCATTATT
 GGGCGAGCCGATGTTATTGATGTGGCCGGCTGGTGAACACCGCCAAGAAGCTCGACGT
 AAAACGAGCGCGGCTAAGCAGTTGGAGCGCGATGCACAACGCAAGCGAACCCAAGCTGAG
 CGCGATAAAGAGATTGAGCGTAAGCGTAAGGCTCAAGAATTTGTAGCGGAGCAGTCAGGG
 AAAGTGTCTGCAGCACAACGGCGGGCCGAGAAAAAGGCTGCGAAGCAAGCGCGTGTAGAT
 GAAGTGGTGGCGCAGAAACAGGCTGCTCAGGAGCAGAAAACTCACTGTAAGCGGGACAAG
 CAGCGTGCAGAAAGCACAAGGGCGCAAAGTTGGTGCCGTTGATAATCCGCTGTGGAC
 GATGTGTTGGCGTATGCGGAGAAAACCCGAGTATAGCTGGCTGTAGAGATGACGACAGC
 GTTGTGCACGTTGATATGGCAGCGGGTGTCCGCGATGTC

>naRXN01911-downstream
 TAAATCGCAGGATGATCGAAAAA

>naRXN01930-upstream
 CGAAAGAAGCCATAATTTAGAGAGACAATTCTCTACTATTGGTCAAGGCTCCCACCCGG
 TGTCAATTCGACATTATTACCGCTCACTCACAATCGATGAA

>naRXN01930
 GTGATTTCAACAAATGAGATTGAAAATATTTCACTCAACTCGTCGGGATATTGAAATAGCG
 CTTGATGAATCTTCCACTAGTGAGCCAAAGAGATTTTCGGAAATTTACACCTTTACCTC
 GCACTTGCCGAAGGTAATAATCCTTTCCGGAAAGCCCAAGTGAAGTTCGAGAACTCTAT
 GACCATTTAATGCACGGCGAGCTAGGTAAAGAAAATGAATTAGATGGTGAGATTTCCGC
 CAAGGACCCGTGGAATCCGCGATAGTCGGCAAAAAGTGATTCATTAGGTTTTCTCCA
 GAATCACAGATCATCGAAGGAATCAACGCAATTATTAAGCTGGCGCACTCAGAAGAGGAA
 TCCAACCTTGTGGCATCATGATGTACACTTCATGTTGAATCAATTCACCCGTTTTAT
 GATGGAACCGAAGAACTGGGCGCTACCTTCTCGGGATACAATTAAGCAAAATTTCTCTCC
 CCTGCTACAGCACTGACAATGTCTTCGGCAATTAATCAATTTGAAACAAGTACTACAAA
 GCGTTTTCATGCCGTAGAACACCGATTAAATCGCGGAGACGGAACACCGTTTGTATTTCC
 ATGCTTGAGCTGTTAATGTCAGCGCAAGAAGGTCTCATTGAGAATATAAAACAAGAATC
 GACTTTTTGGCAAGCCTTGAGGACGCCATTAAACGCTTCGGGGTACCAATTCCTTTAAG
 AACCATCAGATCAATCTGTTGTACATTCTCGGCCAGATTGAGCTTTTCGGTAAGGACGAA
 AACTTTCACTTGAATCGGCAGCAAAGTTTCTTAAAGTTTCTAAGGCAACTGCAACGAGG
 TATTTTAGAAGCTCTCCGAGAAATGGAATTAGTTACGAGGTGAGCAACGCCCTTTGCGG
 TTTGCGCTCACGGATAAAGGTCGTGAGATAGTAGGTCTTGAGGTAAAAAT

>naRXN01930-downstream
TGA~~CT~~CCATAACGAGAACTTAAT

>naRXN01944-upstream
GCTGATTCTTCTGTAGCACTCATCACAGATAATACGGAACCAGTATCAACCCTGCGGAG
CCGTTTACCTTCGCCTTCAAATATCACCGATGATGTCCAG

>naRXN01944
GTGCGCACGGCAACACTGCATGTTACTTCCAGTGCTGGCGAAGCCGCGACAACCATCAAC
CTCACCGAGGATGACGGCTCTTTCAATTGGGCTCTGCCTGCAGCGGATCTCACCGGAAAA
TCCTGGTTCGAATACACCGTAACCGCCACCGACGGATTCAACAGCGTTACCACCGAGCCG
GTACGCGTCACCGTCGACGGCGCCAACACCGACCCGCTGCGCCTCAACCTGGAAGAAAAC
CAATGGGTCAGTGGCACCACCGATGTTATCGGTGCTTCAGATGTCTTCGCGGACAAGCTT
GAATTGCTTATCGACGACGCGCCTGCAGTCACCAACTCCAGCCTGTCTGCGGCCCCGACG
TTTGGCATGGAAGTAACCCAACTGATGTGTTCTTCCGCAACGGCATCCTTGCCGGTGGG
GAAGAACTCCGCATTTTCGATCAAGGAACCTACGCCAACACCGAAACCATCTCCACACCA
GTCCCGCTGTATCACATCAATGAGGACGGTACCCTCACAGTCAGTGTGTATGCGGGAACCT
AAAGCAGCACCAGAAATTGACCTCAACGAGAACAAATGACGATTTCCAGATCAGAAACCTT
CGACTAATTCTGCCTGATGGCCGGACCCCTCACCCTGCGGGAATTTCCGATTCTAATGCG
TGGCTCAACATGGGAGACAGCGCTGGAAAACTCGATTTCTTCGATGCCACCTTCGCCCTC
CCTGAGGATGCTTTCACCGGTGTGGCACACGCATGGGATACCACCCAAAGCACAGATGGA
GAACACCACATCACCATTTCGCCGCAAGACGGCGGGGAAATCAGCCGCACCATCCGGGTT
GATAATACTGCCCCAGAACTCACCGTTTCTGGAGTTGAAGAAGGACAAGAACTGCGCGGC
ACCGTAGAAATTGATGCCAGGCAACCGATGCGGGTGCGGGCGTGAAGAGCGTCGAGACG
CTTCTCGACGGC

>naRXN01944-downstream
TAACGCGTGCAACTTCCACTAAC

>naRXN01945-upstream
AGAAGGACAAGAAGCTGCGCGCACCGTAGAAATTGATGCCCAGGCAACCGATGCGGGTG
GGGCGTGAAGAGCGTCGAGACGCTTCTCGACGGCTAACGC

>naRXN01945
GTGCAACTTCCACTAACCCACCGGTTCCATCGCTTTGGATAAAGGTGAACACACCTTG
ATCCGTGCAGAAGATGAAGTAGGAAACCGCACCGAGAAAACCATCACGTTTAGCACTCCG
GATGAAAACCCCATCAGTGGTGACTACGCTCCAAGCAATGGGGCCACCGTGGGCGTCGGT
GACGTTAAGTTATCTGCACGAGCAAGTGATCCAAGTGGCGATACTGTCAAGATGACGTT
CTGGAAGCCGATTACCAAAATTAGATAGTGGTCGCGTCCGAATGTCATCAGGAACGGTA
GAAGATGCCGGAAGTGTCTCGCGCGCCGAGGCGAAAATGTTGGAGAGGGGAGACGTCGAG
AAGCTATCCAGCCTGGATGGGCTGGGCATGGAAGTTACCTCCGACGCCGCACTGCCGTAC
CAGCTTTTTGAAGTCGATGCGGCGGATGCACTCGCGGCCGACACTGAAGTGCGCCTGAAT
TGGGCGGGATCCGCCGATGGTTCGCGCGCAGGTGATCATGTATGTTTTCGATGGCGAGGCG
TGGGTTGAGGTGGATCGTCACTTGACCGGCGATGAGCTGGAAGAGTTTACGCTGCAGGGC
GTCGTCAATGCCGAAAAATTTGCAATCGGCGGCACTGTACCGTATTGATTACGACTCC
GAAGGCTTCGCCGGTGCGGATCATTTCAACTAGAAATTCGACGTGACCGCAGCGCACCCG
GATGATGTGGCTCGCTCTGAGTACGATTTACCCCTCGCGTGGGAATCTGACACCCAGTAC
TACAACGAGGAATTCACGAGCACCAAAACCAACATCCATGACTACGTGCTCGCCGAACGG
GAGAACAAGAATATTAGTTTATGTTCCACACTGGCGATGTTGTGACGACTGGGATCAG
CCCGCGCAGTGGGCCACAGCCAACCCCGAATACCAGCGCCTCGACGACGCCGCGCTGCCA
TATTCTGTCTTGCCGGAACACGATGTTGGCCACACCAGCAATGACTACACCGAATTC
AGCCGACACTTCGGCGAACAGCGCTACGTAGACAACCCGTGGTACGGCGAATCCTACCAA
GACAACCGAGGGCACTACGATCTATTTTCTGCCGGCGGAATTGACTTCATTAACGTAGCG
ATGGGCTGGGGTCCAGACGACGAAGAAATCGCGTGGATGAACGAGGTCCTGGCCAAGCAT
CCCGAGCGTGTGGCGATCCTCAACCTCCACGAATTCATGCTCACCACCGGCGGACTTGGC
CCGATCCCGCAGCGCATTTCTCGACGAGGTTCGAGCCACCAACCCAAATGTCAGCATGATC
ATGTCCGGCCACTACCACGACGCATTCCAACGCACCGACTCCTTTGACGACGATGGTGAT
GGAGTAGATGACCGCACCGTCACCTCTATGCTTTTCGATTACCAAGGCCTACCGGAGGGC

GGACAGGGGTACCTCCGACTTCTCCACTTTGATAACCAAGGCCAAAAGATGATGGTGCGC
ACCTATTACCATCCCTGAAGGATTACAACCTCTGATGAACCCTCACTGTTGGGGCCTGCA
GAAGACCCCAACATGTATCAAGAATTCGAAGTGCTCTACGAGCAGCTCGGCATCAAACCA
GAGGGCCGCACCTTGATCGGCGATTCTTCAGCGCCGATTTCTTGACCTCCAATGAAATT
GGAATAGTTGATGAGGTTCTTCTGGAACGATCGCTTTCACGAACCTGGAAGGACGTAACC
GAAGGTCGCCACAGTTGGTATGTTTCGCTCCGAGGATCCTTTTCGGCGGCGTCGAGATTTCA
CCCGTGCAGTCTTTCATTGCCGGGGAAGAGGCTGGCGGGAACGCGCCCGGCACTGGAAGC
TCCAATGGCGGTTTCATCCACGGATTATGGGGTGCGCTTGCGGAATTCTTTGCCGGAGCG
GCAGCCCTGGCTGGAGCTGCGATCGCATTTGTCCCCGGAATTTGGGACTATGTGACCAAC
GCATTCAAGCGA

>naRXN01945-downstream
TAATTATGGATAGGTAAACGCTC

>naRXN01960-upstream
TCCAGATTGATCGTGCCAAAGACTAAGCCACTCTAGCTAAACCAACTTACCCACCC
CAACACCCCATGAGGCATCTGCTTCATGGGGTGTGTTGCT

>naRXN01960
ATGCCGCAACACTTTTCTCAAGAAAACCTACAGAAAGGCCCCCGTCATTATGTCTGCACCG
CTCACCATTTCATGATCTGCTGTCCACCAATTCGAAGCTTAACCTCAAGTGGCTGACCTGC
ACTGTCTTGAACAGCCCAAATCTCACCGAACCCTGCATCAGGTTTCTGTGAACACACC
GAAGGCATGTCCCTGGTCTCTTTTCGAAGGTGGTCACGGGCTCACCAGATTGCCAACACC
CAGCTAGTGCCTGTGCTTGAGCTACCAAAGTTCAATCCTTTTGAGGCACTTGCTATCCAC
CTTGAAGCCGCCAACAAAC

>naRXN01960-downstream
TAAGAAAGCATCCTTCATGACTG

>naRXN01985-upstream
GACGTGAGACATTTCTCCAATACCTCTCCAGTGATATTCTGTGCGGCAGCCTAACCTAA
GTTATTCCGTTGTTGTTTCGAGAAAGAGAGAGAACTTTTC

>naRXN01985
ATGCGTACGTCTCGGTTCTAGCCGGCATTCTTGCCGCAACCCTCACGGTGTCCCTCGCG
GCCTGCTCCCAGGATTCTTCAGAAACGTCCTCCAATTTCGTCTTCAGCAGCATCCCAAAGC
TCTGACGTTTCCAACGAGGCGTTCCCTGTCCACATTGAGCAGCCTTTCGGCGAGACCACC
ATTGAGTCCAAGCCAGAACGCATCGCAACTGTTGGCTGGTCCAACCATGAAGTCCCTCTC
GCATTGGGTGTGACTCCTGTGCGCTTTGAGAAGGTCACGTGGGGCGACGATGACAACAAC
GGCATCTTGCCATTGGGTGGAAGAACCTTGAGCAAGCTCGGCTCCGATGAGCCTGTGCTT
TTCGATGCCACCGATTCCATTCTTTTGAGGAGATCGCCAACACTGCTCCGGATGTCATT
TTGGCGTCTACTCTGGCATCACCCAGGAAGACTACGATCAGCTGTCCAGATCGCACCT
GTGGTTGCCTACCCAGAAATCGCATGGGGCACCTCCCTGGATGAAATGATTGAGATGAAC
TCTAAGGCGATTGGCTTGAGCAAGAAGGCAAGGATCTCATCGCAGATCTGGATGCAGAG
GTTGCTTCCGCCATCGATGCCAACCCAGAGTTGAAGGATGCGAAGCCTGTATTTCGCGTTC
TTCGATGAGAGCGATTTCTCGCAGATTGGTGTGTACACCAGCATTGATCCTCGCATGAGC
TTCTTGCTTGATGCGGGTGTCCAGGAAGCTTCAGTCCTCAAGGAGCACTCCAGCCAGAT
AGCTTCTACGAGCAGGTTTCTGCAGAAAACCTGAAACCTTCGACGATGTTGATGTGATC
ATCACCTACGGCACCGAAGATGATGCTGCAAACGCTGAGCTGTTGTCCAAGATGCAGGCT
GATCCACTGCTGTCTCGAATCCCAGCTATCGCCGAGGGCAAGGTTGTGTTCTTGGGTGCT
AACCCACTGGCTGCTTCAGCGAATGAATCCCCACTATCTATTCTTGGGGTATCAACGAT
TACTTTGCAAACTCGCCGAACCTCTGAAG

>naRXN01985-downstream
TAAAACTGCTTGATGTCAACAAC

>naRXN01987-upstream
GGGTTAGGAGAGGGGAAATCCCCGATGTGCTCTAGGTTCTTATTGGCGATGATTGAAGAA

GAAAGAAAACTCAATCAGCCATAAAGGAGCTTGATCCCG

>naRXN01987

ATGACTTTCCAGCACAATCTCGACGACTCGCCCGAAGCACCACCGACAAATGGATCGGC
GGCGTCGCTGGTGGCCTCGCAGAGACCTACGGTTGGAATCCGGCCTATGTGCGTCTCGCG
TTCTGGCGTCGGTTCTGTTTCCACTGCCAGGTTACAGATCCTGTTCTACGCCCTAGCG
TGGCTGATCATCCCATCCCGAGAAAATCGCTTC

>naRXN01987-downstream

TAACGTGCGTTGCATAACGCAGA

naRXN01988-upstream

TTAAGAATTGGATTCGAGTCGGTACCGCTTGAAAGTACTTTGCGTAAGTTCCCACCGACT
GCCCCCTAGTTGTTGCGAATATTTATAGATTGTTGAGAAAAG

>naRXN01988

ATGAACATGAAGACGCAACCCGGCTTCCGCCAAGCAGACCACCGAGCTTCGACTCCTGACA
GCCACCGTGTACTTCAAAGCACTCAATGAAGTCCACAACGTCATGCAGATGATCGACCCA
CTAACTCCAGTCGTTCCCATCACCACGGGCACCTCAGTTGCCGAGCTTTATGCTGACGCC
CGCGAGCACCTCGACAATGGTGCAACCCAGGTGATGATCCCCGTCATTTACCTTCCAAC
CTGACCTTGTCTAGTGTGCCCTGGGCAATGAAGAGGTTGACGCACTGGGCCATTCCGAA
GGACAAGCAGTTCACTCCCTTCTGGAATTCATACCCCGAAGCGCAGCTGGCCTCTTTCC
GAGCTTTATATTGATGACAATGAGGGTTTGGCTCAGGTGTCGCGCTGCTTCGCCCCGCTT
GTTGGC

>naRXN01988-downstream

TAGTCCCACCCACCAATTGCAT

>naRXN01991-upstream

TCCGGAGGTGGATTTGAGGATTTTCGACGTTTTCTCGGAAGTTCCTCGGGTAGAGGAAACA
TCGACGAGGATCAGCTATTCTTACAAAATTCATTTGAAT

>naRXN01991

ATGACGAATTTGTTGCCGATTTCCCGAGTACCGACGTAGCTGCGTGGGAACCAACCGTT
GTGTATTACGCGGATAAGACCACAGCAACAGCGACGTTTAAAGAATATTCCTTCGGATATT
TCCTTTAGTTGGACTGGTATTGAAGCACTAGAGCCATTTAGCCCTGGTAAAACCTTCGAA
CATAAGGTGCAAGGTTCTGTTGGTGAACCAGCGGGGCGTTCACTAGGGATAACTATTTTC
ACTGAGGGTGAGCTCTACAAACATCGCCACGCAGACGATCTGCTTTCCGGTGATGGCTTG
TTTGGCCCCAACATCACCGATGGCGATGGCAACCTCCCCTCTGTTGATGACGGCAAGGAC
GGTGACGATGGGTCTGATGGCTCAGACGGCCGAGACGGTGTGTCGCCATTGATGTTGTT
GACAATGCTGACGGCACGGTGACTGTACCTTGTCCGATGGCACTACGTTTACTCTTGAT
GCTGGTCAAGACGGCAAGATGGTCTTGACGGGCTTGATGGTACTGGCCTAACGCTGGAA
TCTGCTACCCCTGATGAGGACGGCAACATCACCTATGTTCTTTCTGACGGTACTGAGTTC
ACTGTGCGCAACGGTGTGATGGGTGACGCGTAAGGACGGCAAGATGGAGTCAATGGC
ACAGATGGCGTAGACGGGTGACGCGTAAAGGTCTGGTAGAGGTGTCCCGAGTTACCAAC
GACAACGGCTCAGTGACCATTAACCTACGAGGACGGTTCACAGATCACCACGAAGCCAACG
CCGACAACTGGCTGTCCAAGCTGCTTGATTTGCTTCTCCCGCTGTTTAATCTGTTCCGT
CTTGGTGGCGGCTCCGTCATTAGTTCCAGTAAG

>naRXN01991-downstream

TAGTTTTTTTCACTCCCTGTTTTG

>naRXN01996-upstream

CTAGTATAGAACGGAACACGGCAGCGACACAACTGCACAGATGCAAGAGTGTCCGGTACC
GTTAAAAACGAAACACACTTTCACCGAAAGGACTTCCCA

>naRXN01996

ATGAGCAAGTTGACTGGCACCTGGACCCTCGACCCTGCACACACCGAAATCAAGTTCGTG
GCTCGCCACGCAATGGTTACCAAGGTTGCGGGTGAATTCACCGAGTACACCGACTCCATT

GTCGTAGATGCTGAAAACCCAGAGAACTCCTCTGCAAAGGTTGTTATCAAGACCGCTTCC
GTTACCACCGGCAACGCAGACCGCGATGCACACGTTAAGGGCGACGACTTCTTCGCAGTA
GACAAGTTCCCTGAAATGACTTTCGAAGCTACTTCCCTTGTATCAAGAACGAAAACGAA
GGCACCGTTACCGGCGACCTCACAATTCGTGACACCACCAAGTCCGTCACCCTGGACGTT
GAGGTTGGTGGCGTTGCTGAGGATCCATTGGCAACACCCGCCTTGGCTTCGAAGCCTCC
ACCGAAATCAACCGCAAGGACTTCGGCGTAGATTTCAGGCTCCACTCTCCACCGGTGGC
GTTCTGGTTTCTGAGAAGATCAAGATCGAGATCGACGGCTCCGCAATCAAGGCTGCT

>naRXN01996-downstream
TAAGCGCCACAAACAAAAGCC

naRXN02007-upstream
TGGAAGCCCCAGCCGCGGTCCAAGAGACAGTTGCGCCGACGTCCACCCCTTAGGACGCTG
ATTACAGACGTGTCCATTTCTTTACTACTATTGGAAATT

>naRXN02007
ATGAGTTTCAGACGCAGAAAAGGCATCCGTGGAGCTTCCGAAAAATTCACCCAGAACGC
ACCCATATTTTGGGCGCGGTTGTTTTTGGCCTGATCTATTATTAGTCATCGGCGCAGCC
CCTCAGTACCTGTTTTGGCTGCTCGCGCTCCCTGTCTCTCGGTTACTGGGTCTAAAA
TCATCCACGATCGTTGATGAACAGGGCATCACCGCAAACCTACGCCTTCAAGGGCAAAAAG
GTTGTGGCCTGGGAAGACCTCGCAGGAATCGGATTCAAGGGTGCCCGCACTTTCGCTCGC
ACCACCTCCGATGCAGAAGTCACCTCCCGGGCGTCACCTTCAACTCCCTTCCCGCCTT
GAAGTGCTTCCACCGCGGCATCCCCGATGCGATCACCGCAAGCAAGGAAGCAGCCGAC
GGCAAGGTTGTAGTCGTTCAAGAAGACGGCTACTCCGTGATGATGTCCAAGGAAGAGTAC
TTGGAGCGCCAAAAGGCACTGGGCAAGCCAGTTCAGTTGAACTTCGATGACGACACCGAT
GGGAATACAACACAAACAGAAAGCGTTGAATCCCAAGAGACCGGACAAGCCGCGTCTGAA
ACCTCACATCGTGATAACCTGCGTCACAGCAC

>naRXN02007-downstream
TAGAGTGTAATAAGCCGTCCGAA

>naRXN02014-upstream
AGAGGACAACAACATGAGAGCAGACGCACTAAAACGCCGGAACACATCATAACCACAAC
CTGCAATCTCTACCGCACACACCATCACGATTGCTCACC

>naRXN02014
ATGGAACCATTCAGAACAGGCAGGAGTGGGTGTTGCAACTTTATACCGAACTTCCCC
GATCGCTTCACACTGGACATGGCATGCGCCCAATACCTTTTCAACGTGGTGATCTCCCTC
CAACTCCAAGCCATCAGCACCTTCCCCACCGACCCAGAAGGCGTGTGGACCTCCTTCAAC
CAACTACTTTTTCGACCGCGGCTAGGCTCCCTCGTCCCAGCACTTGCCCCAGAAATCCTTA
GACGACCTCCCCGACGAGGTCTCCGCCCTGCGTCGCACCACAGAGAAAAACACCACAACA
CTCATCAACCTAGCCAAGCAGCAGGACTCGTACACCACGACATCGCGCCGGGCACCTAC
ATCGTCGGTTTGATCACCATTTCCCGCCACCTATCACCGCGCTGGCGACAATTCAGAA
AACTCCCAAAAGCACTGCTTGGCCTTTATTTGTCCGGTCTTAAACACGGCATGATGGCT
AACATCGGAGAACATGACGGAAAGTCC

>naRXN02014-downstream
TGATCTAGCAGTTTCCTTTTAG

>naRXN02019
GAAATTCCTGCTGGCACCAAGGTTGAGGCCTCTGACCTTGGACTTCAGGCAATCCCTACT
TCCCTACTGCCAGCACCTCCTACGATTGATTGACGATGTAGTTGGGCTCGTTGCGGCC
TCCACATTAAGTTCCGGGGAATAGCCACAAAGCCTCGATTGCTGGGCACCGAATTGATA
AACTCCATTGCGACAAACGTCACTGATAGCTCTTTGGTGGAAGAAATTAACATGGTTCCA
CTCAGTTTGGCTGAACCTTCCGTCATCCCCCTACTGCAGCATGGGGACACCATTTCGGTT
GTTTCCCAAGACCCAGACACCGGTCTCCCAGAGAACATTGCTGCAGGTGGAACAGTAATT
CTGGCGGGTGGTACAGACCCCTCAACCATCTTGATTGCGCTTCCACAATCAATCGCTGAA
AAGGTTGCAGCACAATCGCTCAATACCCCTCTGGCGGTAGTCTGACCGGAGACAGAGCA

GATAATTACACAACCGAAGAA

>naRXN02019-downstream
TAGTTCCTTATTCAAAAAAGG

>naRXN02023-upstream
GATGTGGCAGCAATTTTGAAGCAGTACCTGAGCGAGTAACCGCATTCGGGGTTATCGTGG
GACTTCCGAAATGTAAGTAGAGACTAGAGGAGGAAACACG

>naRXN02023
ATGGCTCCTAAACAACTCCCAGCCCAGAGAAGAATCGAAACCTGGTGGGACCAGTTCTG
CAACGTCGGCAGACAGAGGGTACTTTTGATCAACGCTTGCTAGAAATGCGCGCTGATCAC
AATTGGAAGCAGCCGATCCATGGCGTGTACTGCGTATTAGTCTGAGTTTGTGGCGGGT
TTTGATGCCCTCCACGAGATGCCAAAGGCCGTAACCGTCTTTGGTTCCGCACGCATTAAA
GAGGATCACCCGTACTACAAGCGGGTGTAGAACTTGGTGAAAAGCTCGTTGCAGCGGAC
TACGCAGTTGTACCCGGTGGCGGTCCAGGTCTGATGGAAGCCCCAATAAGGGGGCAAGC
GAGGCCAATGGTTTATCAGTTGGTCTGGGCATTGAGTTGCCACATGAACAGCATCTGAAC
CCTTATGTGGATTGGGTCTGAACTTCCGGTACTTCTTCGCACGCAAGACCATGTTCTCTG
AAATACTCCCAGGCTTTTGTGTGTCTGCCTGGTGGTTTCGGCACGCTCGATGAGCTTTTC
GAGGTCCTCTGCATGGTACAAACCGGCAAGGTACCCAACTTTCCCATCGTGCTGATCGGC
ACTGAGTTCTGGGCAGGTTTGGTGGATTGGATCCGTCACCGCCTGGTAGAGGAAGGCATG
ATCGATGAGAAGGATGTTGACCGGATGTTGGTCACTGATGACCTGGATCAGGCCGTCAA
TTCATCGTCGATGCACACGCTGGATTGGACGTAGCGCGTCTCCACAAT

>naRXN02023-downstream
TAAGCAGTGGCTACATTAGGTGT

>naRXN02032-upstream
CTTAAAAAGGGGCTTTATCGGTTTCAGGCGAGCGAGACCTTCGGCGTTCACACTTCGCCGG
GGTCTATTTTTTATGCCAGGCACGGCTCATAGGAGAACC

>naRXN02032
ATGCCCTTTCTACAAATCTCTCTGCTTTCCATCGGTGTGCGCGCCGATGCGTTTGCTTGT
TCCGTTGTCCGCGGCACCGCCATTCAAGTCAACCTTTTCAAACGCGCACTTGTCTCGCG
GGCATCTTTGGTGTCTTCCAAGCGGCAATGCCTTTAATCGGCTGGTTTATTGGCCGTTTC
TTTGCTGGAATCACCTTCATCGCTGAAATTGATCACTGGATCGCTTTTGCACTATTGGGT
ATTGTGCGGCACCAAAATGATCTGGGATGCCTTCCAACCTGAAGATGATGAAACCATTGTC
GATGACGGCCGCGTTCAATTTAGACCAGCAATTATCCTGGGGCTAGCCACCAGCATTGAC
GCATTAGCCGTAGGCATGGGCCTGGCATTCTGTGGAAGTTTCCATCCTCAAAGTGGCACTG
TCCATGGGCAGCATCACCTTCGCACTTTTCGCTTGGTGGCGCCTGGATCGGACACCATGGT
GGAGGAAAGTTTGGCAAGTGGGCTACGATTCTTGGCGGAATAATCTTGATCGGAATCGGC
GCAAACATCGTCTACGAACACCTCAGCGCG

>naRXN02032-downstream
TAACCCTCGGCGCATTATCCTCA

>naRXN02039
AAGGCGTCGATAAGCAATTTAAGCTTTTGGACGTCCACCTCCACCACCGCACCCCTTTGG
CTCGTGGGCACGCTTGTGTGGCTGGCGGTGCAGGCGGTGATGCATGACGCGCAGCTTTAC
CATGTGGAAGTTCCACGATTGCGCTGGTTCATCGCTTTGGCGCGCAGCTTCTGATCGGT
GTGATGAGTTATCTACTGCCGTGACGATGGGTGGCGGCGGAGCGCGGTGCGGACTGGA
ACGCACATTTTAAACACTGCGGGGCTGTTTAGGTGGACGCTGATCAACGGTGGCCTGGCG
ATTTGGCTGCTCACCGACAATTCTGTGGCTGCGCGTCTGGTGTCTCTGCTGAGTATCGGA
GCGTTGGCAGTTTTTGTCTATTCTGCTGCCAAGGCTGTGCGGGCGCAGCGCGGAGTGATC
ACCAAAAAGCGCGAACCATTACTCCGCCGGAGGAGCCTCGACTCAATCAAATTACCGCG
GGAATCTCTGTGCTTGCCCTGATTTTGGCAGCATTCCGTTGGGCTCAACCCCGGTGTTGCG
CCGGTGGCAAGCTCAAATGAAGACGTCTATGCTGTGACCATTACCGCAGGTGACATGGTG
TTTATCCCTGATGTGATTGAAGTGCCTGCTGGTAAATCACTCGAAGTCACGATGCTCAAC
GAAGACGACATGGTGACGATCTGAAATTTGCCAACGGTGTGCAAACCGGACGTGTGGCG

CCAGGTGATGAAATTACGGTGACCGTCGGCGATATTTCCGAAGACATGGACGGCTGGTG
 ACCATCGCTGGGCACCGCGCGCAAGGAATGGATCTGGAAGTAAAGGTTGCGGCTCCGAAT

>naRXN02039-downstream
 TAACCAAGGGCTGCTGAAAACT

naRXN02044-upstream
 TTACTTTCTTAAGTAATTTAACGAATTTGGTCTCGAAACTGACCTAAAACCCCATGTTGC
 TAGTTGGTGCAAACCAATAATAGCTATAGCCCAATACAA

>naRXN02044
 ATGGTCACCCCAATCATGGGGAATTCGAACTCTATCCTGGGCATTTACCGTCAGAAAATC
 CAAAATCGACATTTGGTTTCTACGCTTTTATAGGGCATACTTCCAATCGTGACCGAGCTG
 ATTATTTTATTGATTGTTATCGTGACGGCGCTCGCCTTCGATTTACAAACGGATTCCAC
 GACACCGGCAATGCGATGGCCACATCCATTGCCACAGGCGCTCTAAAACCTAAAGTCGCC
 GTGGCACTATCCGCTCACTGAACCTTGTGGCGCATTCCTCTCTGTAGAAGTTGCGACA
 ACTGTTGCCAAAGGCGTTGTTGACCTCGACCAATTCGACCTAAGCAATGCCTGGGATTCC
 CACCAGCTCCTGCTTGTCTGCTTTCGCCGGCCTCATTGGCGCCATCGTCTGGAACCTTCTG
 ACCTGGCTGCTAGGCATTTCCTTCCAGCTCCTCTCACGCACTTTTCGGTGGCCTCATTGGC
 GCCGCAATTGCTTCACTCGGTTTCGGCGGAGTGGTGTGGGAAGGTGTCTGTCCAAGATG
 ATCATCCCAGCATTTGGCTGCACAGTTGTTGCAGGTCTCGTGGCCGCCATCGGCACTTTC
 GCCGTGTACAGCATCACAAAGGCAGTTGGAGACAACGAGAAGAACCGTTACTTCCGCTGG
 GGTCAGATCGGCTCCGCTTCCTTGGTTTCCCTGGCACACGGCACCAACGATGCCGAGAAG
 ACCATGGGCGTTATCTTCCCTTCCCTGGTTGCCACCGGTCACCTGGGAAGTACGCTGAC
 ATCCCATTTGCGGTCAGGCTACATGTGCATTGGCAATCGCAATCGGTACCTACTTGGGT
 GGTGGCGCGTTATCCGCACACTGGGCAAAGGCTTGGTTGAGATTGATTCCCTCAGGGC
 ATGGCAGCAGAACTTCTTCTGCAGCAATCATTTTGACTTCTTCCACTTCGGTATGGCA
 CTGTCCACCACTCACGTTGCTACTGGCTCCATCATGGGTACCGGCATTGGACGTAAAGGG
 GCGAAGGTTTCGTTGGTCCGTCGCAGGACGCATGGCAATGGCCTGGGTTATCACCTCCCT
 GCCTCCGCGATCGTTGGCGTTTTCTGCTGGTGGGTAGCTCACGGAATTGGTCTTATCAGC
 TCAGACCTCCTCGAGTCCCTCGTTGCATTGCGCAATCTGGTCATTCTGTCTGGCTACATT
 TACGCCCGTTCCCGTCGCGTGCCTGTTGATCCAAGCAACGTCAACGCTGACTGGAATGAA
 GAATCAAACAGCGTGGAACCTGCAACACCTTCCGCCCCGGCTGCTTCTGAGATTACAGAA
 GCTCCTGCCGCTCCAGCCGCTCAAGCCGTTCAAGATCTCAACAACGAGAATGAGGTAACC
 AAG

>naRXN02044-downstream
 TAATGAACCTTCGCTACTATTTTC

>naRXN02045-upstream
 CACCTTCCGCCCGGCTGCTTCTGAGATTACAGAAGCTCCTGCCGCTCCAGCCGCTCAAG
 CCGTTCAAGATCTCAACAACGAGAATGAGGTAACCAAGTA

>naRXN02045
 ATGAACCTTCGCTACTATTTTCGGAAGCATCTTTGAGGTCACCCCTCGTGGGCATTTTGCTC
 GGCGCAGGCCCTTCAGCCCTTTTTCGATTAGGAATCCGCTTTGCTCACAGCCCTTCTTCC
 AACGGCACCAACGCTCTTGGAATAATTGCTTCAACCATCTGCTTTGCCATCATTGCGGTT
 GCTATCATCGCTGGCATTCTCTGGGTCACCAAAGCAACGATCTACCAGTACTCTGGTTTC
 GACATTTTCGGCACTGAAGGC

>naRXN02045-downstream
 TAAAAGCACCAGCTGCGAATAAC

>naRXN02049-upstream
 TCTACGCAGTCTCCACAGACCACGCAGCTTTAGATGCAGTGTGGCAGTCCTGGCTTCGCG
 ATCTGGAGTTGCCGAGTTTCCTTCTGGTGGTTTGGACTA

>naRXN02049

GTGCGCTATCTGACGCTGGCCACAATCATCGCAGGTCTCTCCGGGTTCTGTCGTCATCATC
ATCGCTGCCTGGGCCCTTGGTGATTCCAGCCAACCTTCCGAAGAATTCACCGCCTACTGG
GGTCTGTTCTTTGACGGAACCGGAGTGCTGACTGGGTGACGCAGGAGACGACCCGCGCG
GTGACGGCCGGTTCTCGTGGTGGTTCTCGTGGTGGGCGTGCTGGTTCTGTTGTTGGATTT
AGGCCGTTTTTTGTTAGCTTCGTGGTTGCCGGCAGTAGTGCTCGTGGTGCTGGCGCTTCG
GCGCCGCTGTGGATCGGCCAGCTTTTAAGTAATTTGCAAGGTGTTGGTGTGGGCTACTT
GCTGTAGGTCTTGCTAGETAACGCGATCCAAGGACAATCTCEGGGATTTTGTCCGGGTG
CCAATTGTGGAAAGAGTATGCCTCGCTGATTTCTTTGGACACCGGCGTGCGCATGGTTTT
AACTGTTGCCCGCTGGTTGCTGGGTTATCAATTGCTGGCGTTCTTGATCATCACCGTTGT
GGGATCAATATCCTGGCTGGTCATCGTGCTGTGCTTCGGTTCGGTGCGTTCGGTTTTGGG
ATCGGTTGC

>naRXN02049-downstream
TGATGTTTCACGGGGCGTTTTCA

>naRXN02050-upstream
CTACTTGCTGTAGGTCTTGCTAGCTACGCGATCCAAGCGACAATCTCCGGCATTTTTGTC
CGGCTGCCAATTGTGGAAAGAGTATGCCTCGCTGATTTCT

>naRXN02050
TTGGACACCGGCGTGCGCATGGTTTTAACTGTTGCCGCTGGTTGCTGGGTTATCAATTG
CTGGCGTTCTTGATCATCACCGTTGTGGGATCAATATCCTGGCTGGTCATCGTGCTGTGC
TTCGGTTTCGGTGCGTTCCGTTTTGGGATCGGTTGCTGATGTTTCACGGGGCGTTTTTCATC
CGACAGGCTCTGCTTGCGATGGCAGCATCCGGCGCCACGGCAGTGCTGATTACTGGTTTC
CCGACCCTGCTGAAATTCACGAACCCTTCAGCGGTTGCAGGAGGGGTTTCGATGGCCGCT
GTTTTCTACGCCGTCATCTGACCCGCGCTCCCTGCTGGTTCCGCTGCAGCAATTCCAA
TCGGCGATCATCGTTCTGTTTTGTCAAAGGTACGTCGGGTCCATTGAAAACCTTTGGCGGGT
CCGTTGGCAATTGTGTGGGCGAGTCGGACTTGTGGAGCTGGTCTTGATGGTTAGTTGGC
CCATGGATCCTGGACGTTGTAATCCAAAAGGAACCTTCGCGGTCCCTGGCTGGCTACTC
GCGATGCTCACCTTAGGCGCCACCACCACCGTTTCAATTGATGGTGTCGGCTGCGCGGCG
ATCGCCTTTGAACGTCACGGGATCTATCTACCGGATGGGTTGTTGCCACTGTTGTTGCC
GTCGGATTCTTGCTGGGACCTTTTGATTTGGGCGTCGCTGCTGGCCTTGCGCTCATTGTT
GGCCCACTCTGCGGTTTGCTGGTACACATGGGAGCGTTTGTGGTGGGGATCGGAATCGG
GTTTTGACTGCGGGA

>naRXN02050-downstream
TAGTTTGGTTTGATTGGGGGATT

>naRXN02059-upstream
TCGGGAAATTCACATGAAACGCTAGTCTACGGGAACCATTTACCAGCGTGATCGTT
GTAAATGTGAAGTAAAAAGTAAAAGGAAGATGATAAAG

>naRXN02059
ATGACTCAACCACGGCCCGATGCCGCATCTGTGTGCTGGAAAAGAAGCGCCAGAAAGGA
TGGCCAGTGGGAAGCTTTGAAACATACCCAGAAGCCCAAGCAGCAGTGGATTTGCTCAGT
GATAATGCATTTCCCGTCACCGAATTGACCATTGTTGGTGTGGACCTGATTGAAGTGAA
CGCGTTACAGTCTGCTCACGTGGGGTCTGTGATTGCCGGAGGAATGGCATCTGGCGCA
TGGTTGGGCTGTTCTTTGGCATTGTCTATGGCCTTGATGCTGATTCTGGTTCTCTTCC
ATCGCAGCGGGAATAGGTATGGGTTTGGTGTGGCATTGTGCGGTGCAGCAGTTCCTTAT
GCTGCTTCAAAGGCAAGCGGGACTTTACCTCTTCAACTCAAATTGTGGCGGGGCGCTAT
GATGTGATTTGTTCCCGAAGCTGCTCGGGAAGCTCGAGACATGATTGCCCTGAAAAC
CGAGATCTCCGCCAA

>naRXN02059-downstream
TAAGTTAAACTAACGCCTATGAA

>naRXN02066-upstream
GGAACCTTATCACAGGCGACATCCGTTTTGAGTAGTAGGTATCTTGATAAGAAGTTACCC
ACATCCTTGAAAGTCGAGACACAGGAGGTATCGGAAGAT

>naRXN02066

ATGTTCAATTCCGACACCACCGCAATCTCCAAGCTAAAAGTCGAGATCGTGCAGGATCT
AAAGCAAAGCGCAGCAGGCCAAGTTTGTATTCAGTAGCGCGGGATGTTTGGATGTTTCA
ACAAAAACAGCACAAGTTAAAAACAAGGCTAAAGAGTTTTCCTCTGTTGATCACCTTTCA
GCAGACGCCGCGAGCCATGTTTGTAGACAAATGAACTGTCCCGTGGCGCCATGCATCGCGCC
AGGCTGCACATGTGCACTGCGCTGAATGTAGGGAAGAGATTAACCGTCAGCGGGAAACC
GTTGATTATCTCCGCTCAGAGTGCAAAACGAAGAAGTGTCCGCCCAATGGACCTCAA
GCACGGCTTGCCAGCCTCGCCACTGAGTGCATGCCTGGCCCTGGCGCAGAGAATTTAGCA
ATGCAGCGCCAGAGTCTTTTGTGGCTAAAGTTGAGTCCGTAGTGCAGCAGTTTCGTAAG
AACCAAGGCCGC

>naRXN02066-downstream
TAATTTTAAATCCTTATTTACAT

naRXN02067-upstream

TAAAGTTGAGTCCGTAGTGCAGCAGTTCGTAAGAACCAAGGCCGCTAATTTTAAATCCT
TATTTACATTTTCTGAAAGACCGGTCTGATGTTTCTAGC

>naRXN02067

GTGGGTTGGGGAGAGATCTTCCTCTTAGTCGTTGTGGGCCTTGTGTGCATCGGCCCGGAA
CGGTTGCCCTCGTTTGATCCAGGACGCACGCGCTGCGCTGCTGCACGTACCGCTATC
GACAATGCAAAGCAGTCGTTGGACAGTGATTTTGGTTCCGAATTTGATGAAATCCGAAAG
CCACTAACCAGGTTGCACAGTACAGCCGGATGAGCCCCAAGACGGCCATCACTAAGGCG
TTATTTGATAATGATTCTCGTTCTGGATGACTTTGATCCAAAGAAGATCATGGCCGAA
GGAACAGAAGGCGAAGCTCAGCGCAACAAGCAGGCAGCTGACAACAATGCGAATGTGGTG
GAACGTCCAGTGATGGTTCCACCGCACGCCCAACGCAAAACGATCCAAAAGACGGCCCG
AATTACTCAGGTGGCGTCTCTTGGACCGATATTATT

>naRXN02067-downstream
TAGCTTTTATTTAACGCCAAGCC

>naRXN02075-upstream

AGTTTTTCGAATACCGTCTACGTGGAGCTTTGCGGAAAATACGCACCGAGACCTAGGCGCG
CCATACGCATGGTTCACAGGATTTTCAGTACGATTAACCCC

>naRXN02075

ATGTACAAGGTCTTCGAAGCACTGGATGATTTAGTTCAAGCCGTTCAACGCGCATACGGC
GTTCCCATGACCGGAAATTCGCTGGTTCCCGTCAGGAAGTGCTTGCCTTCTCGATGAT
TTACGTGATGCGCTTCTGTAGAACTTGATGATGCACAAGATGTGCTGGACACCGTGAT
GGTGTGATCCGTGAAGCTGAAGAAAAGGCCATTGCCTTGGTGCAGCATGCAGAAAACGAG
GCCCCGAAACCTCCTTGACGCGCAACTGAGGAGTCAGATGCCATGGTGGAAAGACGCCACC
AAGCATGCGCATTTCTGTCGTTGCTAAGGCTAATGACACAGCGGATCGCATCGTGAGTGAC
GCTCGTCGAGAAGCAAACAGCGTCACCGAGCGCGCCAGGCTGAATCTGAGCGCCTGGTC
AACTCCGGCAATGATGCGTATCGCCGCGCGGTTGCTGAAGGCCAGGCCGAGCAGGATCGC
CTGGTCAGCGAGGCGAAGTGGTGCCTCGCTCCACGGAAGAAGCACACCGCATTTGTGGAT
GCAGCGCACGCTGACTCCAACAAGCTGCGCAATGAATGCGATGACTACGTGGATACCAAG
TTGGCAGAGTTTGAACCTCGCTGTCCACCACGTTGCGTTCTGTCACTGCTGATCGTTCC
GCACTACGCCGAGGAGCTGGAGCTACTGGCCGCGAGCTGCGCGATGAGCAACCGGCAGCG
CGTGGTGAATATGAGCGGGACTACGAGCGTGATTATGAACGAGGCTACGAACGCGACGAT
CGAGACTAC

>naRXN02075-downstream
TAGTTTCCAAGAAACCATTTAGG

>naRXN02076-upstream

TAGTTTCCAAGAAACCATTTAGGCTTTTTCACCTTTCCGTCTAGCGATCCTCATCTGATG
TATGTAGTCACGATGAGGTACGAGTAGGATCTTCCTGGTC

>naRXN02076

ATGAAATCTCCATTTATTTTTGATGTGCGCCGACTCCTTCGTGGAAGTGCCCTTCCGGAA
CACCTCACCCAATCAGGTCCAAGCCCGACCCGCAATTGGTCCGGAAATGATCGCGATCCCC
GAGGGCGGAAAAGTTATCGTAGAAGCCAGATCATTCCACTCGGTGGAGGCCTGGCCGTC
GAAGCAGATATCGAAGCGCAGCTTCTGGGACAGTGCTCCCGCTGCCTCCGCGAATCACC
CCAACCAAGACGCTGCACGTCTCTGAGGTTTTTGTGCTCCGATCCAGACTTTGTACTGGT
GAAGATGCAGCAGATGACGAAGATGAGCTGCCAATGGTTAACCAAGACCAGATTGATCTG
CTTCAGTCTGTCAATTGATGAAGCTGGTCTGACCTTGCCGTTTAAACCCTGTCTGCGAAGAA
CTTGGGTACGGCGCATGCCAGGATGATGAAACGCCAGCTCCTGACGGTGTCTCTGAAGAA
GTAGAAGACGAGGAAAAGGTCGATCCGCGCTGGGCTGGTTTGAGAAGTTCCTG

>naRXN02076-downstream
TGAGCAGGAAAAAGAATCGCCTC

>naRXN02094-upstream

TTCCACCTCTACACCGGAGTTCTTCCAACCAACGACCAGATCATTGCTGCGGAGGAGTTC
TCCAAGTAAATTTCTCTCCCTATTTTTAGGAGGCACCAC

>naRXN02094

ATGGCTGAACACAACGCCATCATCACGGATGCAGTACATTCCGACCCCGCTGTTTTAGAA
GACAACGCCGGTTTCAGCGGAAAGTACCTAATCCGTGCCCTGGACAAGGCAGCTCATATG
CAAACAGGTGCCATCGAGGGATACATTTCTTGGCTTCGGAAGCACAACTCTGAGAAAACA
CCGGCGCAGCTGCAGTACTCGTCGACAAGCATTATGCGCCTTGCCACCGGCTCTGGC
GCTGGTGTGGGCTATGGCTGCGGCCGTGCCAGGCATTGGCTTTGTACGGGTGCTCTTGCC
GTTGGTGTGAATCGTTGGTGTTTTTGGATGCTGCTGCGTTTTACACCATGGCATCCGCG
CACCTGCGTGGCATCGACATCCGCCATCCTGAACGCCGACGTGGTTTTGATTTTGGTGGTT
CTGCTGGGCACCGCAGGCAAAGCCATTGTTGACGCAGGCGTCGGTGATTTATCCAAGAAA
AACCACGCGCCGGGCAATTGCGATTTCCCGGTTTAAATATCGGTGGCTTGATGGAAGTCAAC
GGCCGACTGATGCGCTACGCAGTGAAGGAAGTAAGCAAGCGTTTTCCGTTCCGGCATTGATT
GGCAAAATTTGCGGTTTGGTATCGGTGCGGTGCTGGGCACGATGGCCAACCGCAAAATT
GCCAAGAGGACTGTGCGAAACGCATACGACTCTCTTGGTCTCTCCCCACCCATTTT

>naRXN02094-downstream
TAAGTACTCAAGACCCCTTCCAAC

>naRXN02104-upstream

CATGGATTCCCATTTGGAGCCTTATTTACACAGGCCACCTGGCTTGTTTCCCACCGCGAT
GTGCCACAATAACGCCATAACAGAAAGGCATACTGACACA

>naRXN02104

ATGTCCAAC TCCCCACCGACGTTTCAACGAGCGCACCTCGAATTATGATCGCGCCAGAT
TCCTACAAAGGAACCGCTACCGCATCAGAAGCTGCGCAATACTTAGGCGAAGGCGTGTTG
GAAATTTTGCCCAACGCCTCCATTACGTTGGCACCCATGGCCGACGGTGGCGAAGGAACA
TCCTCAGTTTTGCGCGGGCAGGTATAACATTACCCACGACAAATGCCGCGGGACGCCTC
ACCGAAGCCAGCTACACCTTAGATTCCGAAACAAACACTGCCTACATTGACATCGCCGCA
GCCTCCGGTTTGCCCGCGGTTGCAGACGATCTAGTCCCCACCACCGGCGATACCTACGGC
ACCGGCGTTTTGATCGCAGACGCGGTACCCGTGGCGCAACTCGCATTGCTTTAGGCCTT
GGCGGATCAGCCACAAC TACGCGCGGCTCAGGAATTCTCATCGCCCTCGGCGCCGTCCCA
CGCAACAAAGAGGGCTACGCACTACGAACCGGTGGCGCCGACCTCATCAACCTCGATTAC
ATCGATACCGCCGAAC TCAACATCCCCGCAGCCGCGTCGAATGGATCCTGCTCACCAGAT
GTCGACGCCCCCGCCACCGGCGCGGCGCCACCGTATTCGGGCCCCAAAAAGGT
GCCACCGAAAAAGACATTTGCTTCTCGACGCGCCCTCCACCACGCCTGCGCCCAACTG
GAAGTTGATGGCACAAGCCAGGTATGGGCGCAGCCGGGGCATTGCAATCGGACTGACG
TGGCTGTCCACCCTCATGCACGGCAACGACCAACAGATCCATATCCTCCCCGGCGCGCCA
CTGATTGCCCGCTCCAACGGAATCGAGGATGCGCTGCCAGAACTGACTTGTGATCACC
GGTGAAGGCCGACTAGATTCCCAATCGTTACCGGAAAGGTTGTGGGCACCCCTCCACGGT
TTAGCTAAAGCCCACGATGTGGATCTCGCTGTTGCGGCCGGCATCGTGGAAGGCGGTATT
CCCGATGATTTCTTAGCGGTAGAAATGATTAAATCCTCCGACGTTGCAGCACAAATTACGT
GATGCAGGCCGAAGGATCGCTCAAGAATACGTAGCTCAAAAC

>naRXN02104-downstream
TAGCGAAGGATCTCCACAGTCCA

naRXN02107-upstream
AAGAAGTAGAGCTCAGCGATGAAGATTTTCGCGGCAGGCCACGACCTAGTAAAAACCAAAT
ACGCCACCGAGGAGTGGACTAAGCGAGTTCAATAGTTTCT

>naRXN02107
ATGGATCTGCACAAGGTAGCTGCAGCGCACGCGGCGACTCTTCCCCTGAGCACCAAAGAG
TTTCCTTTTCGGACCCGAGCACGAAGTGTACAAAGTGCGGGGCAAGGTATTTTGCTGCTC
ACGATACTAAATGATGAGCCGATTATCACGCTGAAATCAGACCCCGAGATTGGCGCTTCA
CTACGCAGTGGCTTCCCCACCATCCAGGCTGGATATCACATGAACAAAGTGCAGTGGCTG
AGCATTAGCGATGGTGAACGGATCACGAAAGACTTCATCGAAGGTCTCGTGGAAGAGTCC
TATGAAC TGGTAATTTCCACCTTGCCGAAGTATAAAAGGCCT

>naRXN02107-downstream
TAACTTGGTTGCTTGCGGGTGGC

>naRXN02108-upstream
AAGACTTCATCGAAGGTCTCGTGGAAGAGTCCTATGAACTGGTAATTTCCACCTTGCCGA
AGTATAAAAGGCCTTAACTTGGTTGCTTGCGGGTGGCAAG

>naRXN02108
ATGGGTGATATGAAAATTACCCGCCACATCCATGCATGCGTTGAGATCTCACAGGGAAAC
GATCGAATCATTATTGATCCCGGTACTTTTGGCGCCCCAGATTTATGTGGCGCGACCATC
CTGGTCACCCACAATCATGCCGATCACGTTGATCCCGAGTTGCTCAAGCCCGCATGACG
ATTTACGCGCCTCGATCAGTAGCACATTCAATTCCAGTAGAATGCCACATCGTGGAACAC
GGCCGAACTTTACCGTTGGGTCCCTATCCGTTGAGGTTCTTGTTCTGAACATGCGATG
CTCACCCATTCATGCCGATCGCGGAAAACGTTGGATACTTAATCAACGGCCGAGTGCTC
CACCCCGGCGATACCTTCCAACCCATTAAAGATGTCGAACTCGCCCTGGTTCTGTCAAC
GGCCCTGGGTGAAAATGCTGGATGTGGAAGGCTATTTGAAGAAATTTCCACCAAAGCGT
TTCATCGGCATTACGATGGCATTGTTAATGATCGCGGTTTGCGCATCAACAAGAAGTTC
TTAACGCATCTTGGTGAAACCTATGGCTCGGAATACTCGCCGCTTGAAGAGGGAGAGTCG
TTGGAAT

>naRXN02108-downstream
TAGATTCTTGGTTTAGATTCTTG

>naRXN02114
TCCATCGGCTACGCCTGGACCACCGCATTTACGCACTCACACCAGGCCTTGGCGGCATC
GCCATTGGTATTTGGCTGCTCGGTGGTGTGCTCGGTGGGTGGTTATCCGCAAGCCGGGT
GCCGCAATTTTCGTTGAAGTAGTGGCCGATGTGTCTCTGCAGCGCTTGCTTACAGTTT
GGTATCTCCACCATTTACTCCGGCTTGGCGCAGGAATCGGCGCTGAAATCATCTTCGCG
CTGTTCTCTACCGTCGCTACAGCCTGCCCACCACCATGCTTGCAGGTATGGGCGCAGGT
GGCGGCGCAATTTTCTGGAAATGTTCTTCTACGGAAACCTCGCAAAGACGATGTCCTTC
AACATCATCTATTCCACCACTGTCCTTATTTCCGGTGCGATCCTTGCCGGCCTGCTCAGC
TGGTACCTGGTCCGCGCTTGGCGAGGACTGGTGCACCTTGATCGTTTCGCCGCTGGCCG
GAGGTA

>naRXN02114-downstream
TAAATGACCACCGCACTTGAAC

>naRXN02121-upstream
CCGGGAAATCTTCAGGCGTCTCCTCCCATATGCTGCTGACAAATTCCAGAACAGGATCGT
TGGGATACCTTCGAGACAACTTCCGAAAGCTCCGCAACC

>naRXN02121

ATGATCACCTACCATTTGAGCGCGAGCTGAAGCTGCTCAACGAGGGGGAAGTGGGTATT
GTCCAGCAGTTGGTGGAATCAAGCAACATCGGATTCATCGTCGATCTTGAATTAGATGGC
GATTATGGGTGGGCGGTCTACAAACCGGAATTGGGGGAGCAACCCCTGTGGGATTTCCCT
CCTGGCCTGTACAAACGTGAACGTGCAGCCTTTGTGATCAGTGAGTTTTTGGGTGGAAC
ATCGTGCCTCCAACGGTGATCATGCACGATGCCCCGGCTGGTGTGGGCTCGGTGCAGTGG
TTTATTGAAAACAATGGCGAACACTATTTTCCACTGTTTGACACCCGCGCTGACCTGCAT
CCGCAGTTTGTCCGCATGGCTGTGTTTGATCTGTTGTGCAACAACACTGACCGGAAAGCG
GGCCATGTGTTGTAGACGGCGATCATATTTGGGGCATCGATCACGGGTGTGTTTTTCC
GTCGAACCGAAGCTGCGCACGGTGATTTGGGATTTGCGAGGCTGCACCATTCAGATGAC
TTGGTGACAGATGTTGAGCAGCTTTTGGAGGACGTCCCGGAAGAACTTCATCAGCTTCTT
CATCCCGCAGAAATTGATGCGCTGCAGCGCCGTGCCTCAAGAATCAGCAGGTTACCGTTC
CTTCCGCAGGCGAAATCGCATCGTCAATTCCTTGGCCACTTGT

>naRXN02121-downstream

TGAGTAGGCTGGCGGGCAGGTGC

naRXN02138-upstream

TCACTCGCCGAGATCCGTAAAAAGGGGAGTACACTGCAAGCCTATGATGTCCCGGCCTA
AAAGTAATTCAAAGGGCCAACAGTTAAGGAGACTAAAGCG

>naRXN02138

ATGACCGCTCCATCAACCAACACCGGTGTTATCTTGACCGAGTCCGCAGCGTCCAAAGCT
AAGGCACTCATCGATCAGGAAGGCCGCGACGACCTCTCTGCGTATCGCCGTTAGCCT
GGCGGCTGCTCTGGCCTTCGTTACCAGCTTTACTTCGACGACCGCACCCCTGATGGCGAT
AAGGAAGACATCGTCGGTGGCGTTGCGCTTGTGCGTTGACAAGATGAGCACCCCATACTTG
CTCGGCGCTCAGATCGACTTCGCTGACACCATCGAGCAGCAGGGCTTACCATCGACAAC
CCAAACGCAGGCAGCTCTTGCGCTTGTGGTGACTCCTTCAAC

>naRXN02138-downstream

TAAAGAGATTCCGTTATGTAGGA

>naRXN02151-upstream

ATGAGCGCATCGTCTTTTTAGGAGTTGTCCGCCACCGTGAAAAGTGGAACTTAAACCC
AGCCCCACAGCAGGTGACGGCTCCCCAGAACAAGGCTCGT

>naRXN02151

ATGGATTGGCCAGACATCGCCAAGGGAATATCCATCCTAGGTGTCGTGTTACTACACGTG
TCGTTGGCAATTCCAGGTGGCCAGGACACCATGATGTCCCACCTGAACGCACTGCTTGAT
CCACTTCGGATGCCATTATTTTTTATGGTGAGTGATTTTTTGCAGTTAAAGTTCTGAAT
CAAAGCTTTGGTGAACTTTTCCGCGGGCGACTGTGGTTCTACCTGGTTCCATATTTGCTG
TGGACTCCAGTGAATCTTTATCTACACCGCCTCGAGGGCACAGTTTTTACCGGTAGAGCA
CCGGGAACATGGGAATGGTACAGCGGCTCGATGCTCTCGGCCACCAATATGTACTGGTTC
CTCTACTTCTTGGTCATCTTCAACCTATTTTTATGGGCAACGAGAAAAGTCCCAGCTTGG
GCAATTGTGGCGTTGGTGGCCTCACTGTGGCTACTTATGCCGGCTTATAGCGAGATTGAG
ATTCTACGCAAGTCCATTATTTACTTGCCCTACATTCCTCATTGGCGCTTACTTCCGCCCA
CTGATTTTCGCGTTTTGTCAGAACCGCAACAAGGCCAAAAGCAATAGTGTTCAGCGGTC
CTTTATGCTCTCGGCACTTGCTTTGGGCGTGATCTCAAAATGGGCTGCGCGACAGCGAAAAC
CATGGCGCAAGCGTGCTGTGGCTGATGAACCTCCGCGATACTTTTGCTCATGCACTCGGC
GGCAACCTCACTGGATTGATATGGATCACCTTCCTGGAATGATCATTCGGATTGTTTCC
CTGCCTGACAGGAATTGTGTTGTGCGTATGGCTTGCCGAATAAAGCCAGTAGGGGAGTTT
TTGAAACTTATTGGTAGGCACACCCCTCCCATCTACATTGGGCATGCAACAGGACTATCG
CTGATTTTTGGTTTCGGCTTGCCTGGAATTTTATGGAGATTGATAACTTCTCTGACAGT
TTGTGGCACCACCAATACGTGGATGGTCATCGCGTTTGCCTGCGCGATGCTCGGCGGG
TACCTGACCTATCTGATCTCGCGAGTTCCAGTGCTGGGATGGACTCTTGTTCCTCCTAAA
CTGCCAGAACCAGATAAAAGTCCAGCTAAAGCACAGCTGATTCTCACGTTAAAGCTCAG
TCTGCGAAGCCTATGAATGCTTCTACCTCTTCTAAGACGTACGGTATA

>naRXN02151-downstream

TAACTGAAGCATAACCTGTGTGA

>naRXN02169-upstream

GTTAAAGGTCGAAAAATCCCACCCCTAGCCCTTTTAAATGAGTGTTGTTATTGTAAACCA
CTGTTACTGGTGGGATTAATACTTATTTTTGGGAGAACTT

>naRXN02169

TTGGACATGCAAAATAAACCGCCGAGGCTTCTTAAAAGCCACCACAGGACTTGCCACTATC
GGCGCTGCCAGCATGTTTATGCCAAAGGCCAACGCCCTTGGAGCAATCAAGGGCACCGTC
ATCGACTACGCAGCAGGCGTCCCCAGCGCAGCATCCATTAAAAATGCAGGGCACCTTGGA
GCTGTCCGTTACGTGTACAGCGACGCCCCGGCACTGAATCCTGGATGATCGGCAAGCCA
GTCACACTGGCAGAAACCCGAGCTTTTGAACAAAACGGCCTCAAACCCGCATCCGTCTAT
CAATACGGAAAGGCAGAGACCGCCGATTGGAAGAACGGCGCCGCAGGAGCGGCAACCCAC
GCTCCACAGGCAATTGCGCTTCACGTGGCAGCTGGTGGCCCTAAAAATCGCCCCATCTAC
GTGGCGATCGACGACAACCAAGCTGGTCTGAATACACCAATCAGATTGCCCCCTACCTC
CAGGCATTCAATGTTGCGCTGTCCGCTGCCGCTACCAGTTAGGTGTCTACGGCAACTAC
AACGTCATTAATTGGGCTATCGCCGACGGCCTTGGAGAATTCTTCTGGATGCACAACTGG
GGATCAGAAGGAAAGATCCACCCACGCACCACCATCCACCAGATCCGCATTGATAAGGAC
ACCTCGACGGAGTCGGCATCGACATGAACAAATGTCTATGCAGACGACTGGGGTCAGTGG
ACCCAGGCAACGCGGTTGACGATGCCATCCCCACCATTCTTGAAACTCCAACACGGGA
ACAGGTACTGGAATTGATGCTGACACCATCAACCAAGTAATCAAGATTCTTGGCACCCCTA
TCTAGC

>naRXN02169-downstream

TAAACTAGCCGTGCTGACTCACA

>naRXN02180-upstream

GTTTCAGCTAAAAGAAGAATCCTTGCTAGTGGAATCAGCTGAGTTTTCCACGAGTTTTCC
AGCTTTCTCACAACTTGAATAGAAATTGAGGTATCCGGCA

>naRXN02180

ATGACGTCAGGAAATCAACGAGTACTAGGGGAGCCCTAGACCGGTATTTCAAAATCTCG
GAGCGAGGATCAAGCATTGGCACGGAATCCGTGCAGGTGTGGTCACATTCTTCGCGATG
GCCTACATCATCATCCTCAACCCCTTGATCCTTGGCACCAACCCCTGACGTAGAGGGCAAC
ACCTTAGGCATCGCACAGGTTGCAGCGGCAACAGCGCTTCCGCTGGTGTGATGACCATC
GCGTTTGGTTTGATTGCGCGTTATCCATTCCGGCATTGCTGCTGGCCTGGGAATTAACACC
ATGGTCGCCGTGACACTGGTTTCAGGTGAGGGCCTGACCTGGCCGGAAGCAATGGGACTT
GTGGTCCTTGACGGTGTGGTCATTGTTATTTGGCTGTGTCCGGCTTCCGTGTTGCTGTG
TTCCGTGCGATCCCAGCATCCATGAAGCGGCCATCAGCGTGGGTATCGGCCTGTTTCATC
GCCATGATCGGCCTCGTGGATGCAGGCTTTGTTGCGCGTATTCCAGATGCTGCCGTACT
ACTGTGCCAGTGACTTTGGGCATTGATGGTTCCATTGCGTCTTGCCCAACGTTTCGTGTTT
GTTGTGCGGTGTTCTTCTCTGTGGCATCCTTGTGTCCGTGAGTTGCGGGTGGACTGTTT
ATCGGCATTTTGGGAACCAACATTTTGGCGATCATCGCAGAAGCAATCTTGATTCCGGT
GCGTCCTTTGAAAATGGTGAAGCAAACGCAGAAGGCTGGTCACTCGCCGTTCTTGGTCTC
CCAGACTCCTTCGGTGGCATCCCGATCTTCCATCGTCGGCGCAGTTGATTGATCGGT
GCGTTCAGCCGCATCGGTGTGGTTCGCCGCGACCTTGCTGATCTTTACCTTGGTCTTGA
AACTTCTTCGACGCCATGGGCACCATGACCGCTCTTGGTAAGCAGGGCAACTTGGTTGAT
GATGAAGGCAACCTTCCAGACATTAAGAAGGCACTGGTTGTGGAAGGCGCAGGTGCCATT
GTCGGTGGTGCTTCTCTGCATCCTCCAACACCGTGTTCGCTGACTCTTCTGCAGGTGTT
GCAGACGGCGCACGAACCGGCCTTGCCAACGTGGTCACCGGCTCCTTGTCTTGGCTGCC
ATGTTCTTGACCCCACTGTATGAAATCGTCCCCATCGAAGCAGCAGCACCAGTGCTTGTA
GTTGTTGGCGCGATGATGATGGGGCAGGTTACCGAGATTGATTTCTCCAAGTTCTACATC
GCATTCCCAGCGTTCTTGACCATTTGTGATCATGCCTTTACCTACTCCATTGCAAACGGC
ATTGGCGTTGGATTATCATGTACGCCATCATGGCTGCAGCGGCAGGCAAAGCAAAGCAA
GTGCACTGGCTGATGTGGCTGGTTCGCTGGACTCTTCGTCGTGTTCTTCGCGATTGATCCC
ATCATGGAAGCTGTCGGC

>naRXN02180-downstream

TAATGACAACGCGCACGGTAATT

>naRXN02185-upstream
CAACTCCTTGGGGTGAAGCCAGACATCCACTGGCAGAGCAACTCCTCCGCTCTAACCCGA
CAGCTAACCTCGACGGCGACAAATGAGAGGAAACTTTTC

>naRXN02185
ATGGGACGTCACCTCAAGACTAGCTCCGCGTTACCAAGCTCGCAGCTTCCACCATC
GCTTTCGGTGCTGCTGCAACCATCATGGCTCCTTCTGCATCTGCTGCACCTGATTCCGAC
TGGGATCGCCTCGCACAGTGCAGTCCGGTGGTAACTGGGCAATCAACACCGGTAACGGC
TACCACGGTGGTCTGCAGTTCTCCGCTAGCACCTGGGCTGCTTACGGCGGCCAGGAGTTC
GCTACCTACGCATACCAGGCAACCCGTGAGCAGCAGATCGCTGTTGCAGAGCGCACCTTG
GCTGGTCAGGGCTGGGGCGCATGGCCTGCTTGGCTCCGCTTCCCTTGGACTGAACTCCGCT
CCAACCCAGCGTGACCTCTCCGCTACCACCTCCACCCCAGAGCCAGCTGCAGCTGCACCA
GCTGTTGCTGAGTACAACGCTCCTGCAGCCAACATCGCAGTTGGCTCCACCGACTTGAAC
ACCATCAAGTCCACCTACGGCGCTGTCACCGGCACCTCGCTCAGTACGGCATCACCGTT
CCAGCTGAGGTTGAGTCTTACTACAACGCTTTCGTCGGC

>naRXN02185-downstream
TAAATCTAGCTGCACTTTTTTAAA

>naRXN02186-upstream
TCCAACCACCCCTTGAGGGTGGGGATGGGGGAGTCTTTTTTTCATGATGTTGTTAAGTTTA
AGCCTTGTTGAGGTGACTTTTGTTCAGAGTTTGAAAGA

>naRXN02186
ATGTATGACATGGCAAACGTAGAGAAGAAGCACTTCGTCGATCCGGCATGGCCGGAGCAC
AATCCAGCTGACGGACACGTCGTTACTGAACTCATCTCCAAGGTCGCAGGCGGTCCAGC
CCATGGGGCGATGACAAGGAATTCACGTTTCTGCAGAAGAGACCGGATACGTTACCCG
TACACCCGGATCAACCGC

>naRXN02186-downstream
TAAGAACTTAAAAAAGAGGCAA

>naRXN02207-upstream
GAATCGGTGACTTTGCCAACACCAATCACACAAGCCCTTGATGATGTCTCCCTGTGACTT
GGTCCAATTACATTCACTGGTAATCTGAAACCTTGTGAAT

>naRXN02207
ATGCGCCGTGATCCCGTGTGTCCCGTTTGCTTCCCGCCACAGCTTTGCTGGCCTCAACT
GCACTTCTTTTAAGTGATGTACGCAAGGGGTAAACGGACTCCCCGGATATGGGCAAGGCA
ACTCCCGCTGTCTCCCCCGCAGCAAGCAACCCGGATGGCCAAGTAATTGAGTTCGGCAAC
ATCACTGACATGGAAGTCACTGATGGTGACATCCTCGGTGTACGCACCGAAGACGCACTC
GCTATTGGTACAGTCTCCGACTTCGAAGCGGGTAGCCAGGTGGAAGTGGACGTCGATAAG
CAATGCGGCGACCTGACCGCAACCGGCGGCACCTTCGTGCTCCCCTGCGCCGATGGCGTT
TATTTGATTGATGCCAAGGACCCGGATCTGGATGAGTTGCGTGCAACTGACAAGCCAGTC
ACGGTGGCAGCCTTGACCAGCGATGATCAGCTTCTGGTGGGCAATGGTGAAGATGAAGAA
CTCACCATCTACCGCGAGGGCGAAGAGCCAGAAACCTTCACCGTCGCGGGTCCCAATACC
CAGCTCATCGCCGTTCTGTGTCATTGATCGCCACGACGCCGTTGTGCGCACCTGGAACGAA
AACACCACGATTCAAGATGTGGACTACCCCAACGACCGTGAAGGCGCGACCCCTTCGCGTG
GGACTCGGCGTTGGTCAAATGGCTGGTGGCGAAGACGGCCTGCTGGTGGTCTCTGATGAA
ATGGGTGGCCAAATTGCCATCTACAACGCTGATGATGTCATCCGACTTCAAAATGACCGC
CCCCACCGACGAGGAACC

>naRXN02223-upstream
CTTGCTTTTGAGGGCCGCTACGCGCAGCTGTATCAACGATGGAGTGCTCAATAGTTCAAA
TCCACCACAACTCTAGAGATTGGGGTAGAAACGAAGAC

>naRXN02223

ATGAGCACCTACCAAGACGATCGTTTCCCAGGCCAGACCCCTACGCACCGCTTGGTGAA
AAGCCAAGCTTTACCCTCACCTCCACCGACTTGGAAAACGGTGCAAAGCTGGCCGAAGCC
CAACTCGGTGGCACCGATATTTCCCCACAGCTGTCTGGTCAGATCTTCCAGAAGGCACC
AAATCCCTCGCGATCACCTGCCTCGACCCAGATGCCCAACCGGCGCTGTTTCTGGCAC
TGGGCAGTGTTTAACATCCCCACAACCTGTCACGGAGATCCCCACCGGTGCTGGCGATGAA
ACCCTCGGCGGCATCGAAGGCGTAGTTTCCCTCAAGGGTGATTCCGGCAAGGCTGGGTTT
TACGGAGCGCAACCTCCAGCTGGCCACGCACCGCACCGTTACCTCTTCGCAGTTCATGCA
CTTGATGTGGAAAACTCGACATCGCCCCGACGCTACCCCCACTGGTCTAGGCTTCAAC
CTGTATTTCCACACTCTTGGC

>naRXN02226-upstream

CTGACACCTCCTATGGCAGCGGTATGTTTAATAAACGTAATTCGAGTTTCGGCGGCCGT
GTCGCGCGGCCAGGACGACCCTAGCTTTTAAGGACCCACC

>naRXN02226

ATGACTGAGAACCAGACTCCCAGCTCCACCTCTGCACCGAAGCCGGGACCTCGCCCGGGC
CCACGGCCAGGACCCCGACCTGGGGCTCAGGTTGCTGCAAAGAAAGCTGCGGTTGCTACA
CCTGCGCCGATCGCCAAAACCTTCTAACGATCCTGCAAAGTTTGGTCGCGTTGAGGCAGAC
GGATCTGCATATGTACACACCTCTGCTGGCGAGCGTCTGATTGGTTCTTGGCAGGCCGGC
ACCCCTGAGGAAGGTCTTGGTCACTACGGCGCCCGTTTTGATGATCTGGCCACCGAAGTT
GAGCTCATGGAACAGCGCCTAATCTCCACCCCTGATGATGCGACCTCCATCCGCACGAAG
GCTGAAGAACTCAAGGCAACCCCTGCCCACCATCGCTGCGATCGGTGACCTTGATGGCGTT
GAAGCTCGCCTGTCAAGATCATCAACAACCTCGAGGAAGCCAACGAGCGCGCCAAGGAA
CAAAAGGCTAAAAACCGTGAGCGCGCAGTAGCTCGCAAGGAAGAGCTCGCTGTTGAGGCT
GAAACCTTGGCAGAAAACTCCTCCGACTGGAAGGTTGCTGGCGACCGCATCCGCGCCATC
CTGGATGAGTGGAAGTCCATCCACGGCATCGACCGCAAGACCGATGATGAAGTGTGGAAA
CGCTACTCCCGTGCGCGTGACTCCTTCAACCGTCGCGCGGCGCACACTTCGCAGAGCTG
GATCGCACCCGCGCATCTGCACGCAAACTCAAGGAAGAACTCGTTGAGCGCGCCAATGCT
CTCAAGGAATCCACTGAGTGGAACGACACCGCCCGCGCATTCCGCGATCTCATGACCGAA
TGGAAGCCGCGCGCGCGCACACGCGAAATCGACGACAAGCTGTGGGCAGCATTCAAG
GGCGCCAGGACTACTTCTTTGATAAGCGCAACGCCGTAGCCAAGGAACGCGACAGGAA
TTCGAAGCCAACGCAACCGCAAAGCAGCAGCTCATCGACGAATACGACGCACAGATCAAC
CCCGAGCAGGGCTCGATGGAGCGCGCAGCAAGCTC

naRXN02238-upstream

GGCGCTTAGCCAAAACATAGAGCGGTAGGGTATGCTTATCCGATTGAGCAACCTTTCCCG
CTCTTAACACTACTGTCCATATACTTTTGAAAAGGTGTCA

>naRXN02238

GTGACCAACGTGAGCAACGAGACCAACGCCACCAAGGCCGTCTTCGATCCGCCAGTGGGC
ATTACCGCTCCTCCGATCGATGAACTGCTGGATAAGGTCACTTCCAAGTACGCCCTCGTG
ATCTTCGCAGCCAAGCGTGCGCGCCAGATCAACAGCTTCTACCATCAGGCAGATGAGGGA
GTATTGAGTTTATCGGACCATTTGGTTACTCCGAGCCAGGCGAAAAGCCACTTCTATT
GCTCTGCGTGAGATCAATGCAGGTCTGTTGGACCACGAGGAAGGT

>naRXN02238-downstream

TAAAAGACCTTATAACTTCACAC

>naRXN02254

ATCGCCGTTGCCGAAGAAGGCGGATTGTGGGAAAACCTCCTGCAGCACCGCTTCGGTGGA
CATGGTGCGCTAGCTGGTCACGCCTTGGGAAACCTCGTGATCGCGGCGTTGACCGACATT
TTGGGCACCTCCCAGCATGCGCTTGATCAAATCGCTCAACTCGCTGGAGCCAAAGGACGC
ATCATCCCGGTATGTCTGAACCTTTGGATCTTGAAGCGGAAGTATCAGGTCTAGACTCT
GATGCTCGAGTCAATGCGTCAAGTTTCGTGGTCAAGTGCGGCTAGCTGCAACCCCGGGCAG
GTGCGACGCGTTTCAATCATTCGGGACAATCCAGAACCGAACCCCGCTGCCATCGAGGCC
ATTCTCGATGCAGATTGTTGTCACCTTGGCCCAGGTTCTTGGTTCTCCTCTGTGATTCCA
CACATTTTGGTCCAGGGATCGTTGATGCCTTGGCGCAGACAAAAGCAACCAAAACCGTG
GTGTTAAACCTGACGTCCGAGCCAGGGGAGACCGCGGATTCTCTGCAGAACGACACATC

CATGTGCTCCGCCAGCATGCTCGAAACCTTCAGGTTGACCAAGTCATTGTCGATGCCAAG
 AACTGTCTCACAACCGAACGCAATCATGTAGAACGAGCTGCTCGCACCCCTTGGTGCA
 GAAGTCTCCTTCATGATGTCCAGGCTGAAGATGGCCGTGGTTCGATTACCAGTATTAC
 GATCCAGCAAAGCTGTGTGCAGCGTTGCTGGCAAGTTTTGCTGGAGCACGAAAGCGT

>naRXN02254-downstream

TAAGGAGTAGGCGTGCTACTGAC

naRXN02271-upstream

CACTCCCTATCCTAAGCCACATCTCGGTTTATTAACTGTTAGTGAATTCTCACCCGCA
 AACTGGTGTATTTCAGTTACATCCGTATGGTTATTGGTT

>naRXN02271

ATGAGCTTTCTTAACCTTGCAAAAACCAAGACCGTAGCCCTCACCGCAACCTTCGTTGGT
 GCAGCAACCTTGCAACTCCTGCAATCGCATCCGCTGACATCGTCGACAAACGCCCTCGCA
 GCCCTCCCATCCGGTGAGATCAGCTGCTCCAGGCTGAAAAGTACTGGACCACCGAAGCT
 GATTACAACAGCAAGGTTGCACAGGCCAACGCCCTGGCAATGTTGACTCCCGCGGCCCA
 CAGATCCAGGCAGCTCTCGCACGCGTTGACGAAGCAGCAAACCGCTGCGGACTCAAGGGC
 GGCACCGTAGCTGCGCAGGCTGAGGCAACTGAGGCTGCGCCTGCCGCTCCAGCACCTGCA
 CCGCAGGATAACACCGGCACCTTCTCAGACTGCCCTGCCCGAGCAGCACCAGCAGACCA
 GCAGCTACCCCTGTGGTTAACCTTGACCTGCAGGATCACCAACTTTCACCATTGAAGTT
 CCAGGAGTTGGCGGGGTTACAGCTGCCAGATCTATACCAATCGTCCAACAGTTCTTGGCA
 CAGTTCGGAATCAAGATC

>naRXN02271-downstream

TAAATCTATTCACATCCCTTAAC

>naRXN02279-upstream

GGTAAGAGGGCATTTTCCGATGCGCAGCGATTCTTGCTCAACGCCGACGAGCTCGCGGAG
 CTTTCTGATTATGAGCGTCTGGCTTATGCCATCACCTTGC

>naRXN02279

TTGATCAGCCTGGAAAAGAAGCAGAAGGACGCGAACTTTTTCTTTTCGGAGCTTCGCCG
 CAGGGCTACCGCGCTGTGATTTCTTGGAATCCCAGACTGTTGACCAGCTGAATAACCC
 GATGTCCAGACTTACCTCACCGAAGCGGAAGTTCGCGATGACTTGAGGTCTTGGGCA
 GTCATCAATCAAATGGCATTGGACAACATCGATCTGTTCCATACGGCGAGGAAAACGAC
 GAGCCACTTGCAATCGCCCGCAAGATCATCGAGGAAACCGCTTCCCATCCTGAGCTGAGA
 TTCGAAAACCTCGAGGCCAGTTCTCCGAGTTCACCATCTTGCTTGCCTCAAAGCCCGGAG
 AACCTCGACGTAGCCCGCTACCAGGAGCTTCGTACACAGGGAACTTTGTTCAAGAACTC
 GCCTTGGACAGCATTTTCGGCCAACATGCCGTTGTTCAAGACACCGGAAACGCGGAAGCC
 ATCCTAGATGAAACTATCGGGTACATGATCGGCGCCGGCATGCGTGAAACCACTGCCCGC
 ACCGCCAGCCAGTTCGCGCAGCTTTACTCATTTGTGGGCAGGCAGGAACGCTCCATTGAA
 ATGGCACGACTCGCTTTCGAGGAAGTTCAGCGGCAGGACTTCCCCACCGTGAGGAAGAA
 CTGCGATTGGGCATGCAACTCGCCAGGTTGAACCAATTGAAGCCCGGAAATCCTGGAA
 AAGCTGCTGCTGCCTAAATTCGAGCAGAATCTGACACTTGATGAAGTTGAACTGAAGCA
 CTCCTTCTTTGGGTGCTACCGTTGCTATCCACGACCCCCAGGCTGCCGCGCAATTTTG
 CGCCACGCTCGCGAAAACGCCGAGGTTTCGGCAACTTCGAACTCGCAGTCCAAGCGATG
 ACCATGATCACGGATGTCTCTACACCCAAAACATGCACGAGCAACTGCTGGAGGAGCTC
 AACCACCTCTCCCCATGCTCAAATGCTTGATGATCAACACCAAGCTGAACTGAACTG
 CTGGACAGCATCGCCATCGTCCAGGCAGACCTCGGTTCCACCGAAGCGCTGGAAACCTG
 GGCACCGCAATGGGACTCGCAGAAACCACAGCTCAGAAGCTATACGTGCAGGAATCCCTC
 AACCGCGCATACTTCACTTTTGCCCGCCCTGAAGATTGCATCAGCGGAGCAGCCGACGCT
 TCTGCCCTGGCCATGCAAAACGATGACCCTTCCAATGCAGCTGCCAGTTGGAGCAGTGT
 GCACAGTACTTGTTCGAATTGGGCCACGAACTGACGGCGCAAGCCTGCTGGAATCTGCA
 TTCAGGGTTGAAGGCATCCCCACTGAGCAGGCACTGTACTACGCAATGCAGTGTCTTCC
 ATCTATGAAGATTTTCGGCGATTCCGCGAAGTCGCAGTACTGGGAGCAGCAGGCGCAGGAA
 AAGCAGCAGCTTCTGGAG

>naRXN02279-downstream

TAACGGCCGTTTAAAGAGTCGAA

>naRXN02296-upstream

GCATCATTTGTGTTGTTTAAAGTATATGGCTGTTGAAGTGCCATTTTCGCGGATTAGCAT
GGGAATCACCAGTATTTCTGGACGGTTAAGGATGATTCAT

>naRXN02296

ATGCGTAATCAAACAATCGCTGCGGTGCGAGCTTTGGTCCTGCTCACCGCCGCCACGCCC
GCGATCGCTGCCACCCCGGCGACAGCTGGAACGGACTCTATTCCATTGACATGGGCGAC
GAGCAAAGCTTACCTGCGTGCTTTTCGATGAGCCCTCCACCGAAGCGCACGTCGTCGCC
AGCTGTGCTGCGACTTTCCCGGTGACCTGGAAGCTTCTCGACGGCGCTCACGAACAAGCC
GCGAAACTTGAAATCACCAGGCTCAAGACGGTGAACTCTCGGTGACAGCCAGCAAGCAG
CCGTTGATCACCACGATGATTGCGCCCACCAGCATCACTAAGCCCATCACTGTCAATAGG
CTTGTGGTTGTTCTGGTGAGAATGAGGTTTCGCTTTTATGCTACCGATCCTGATGTTTTA
CCAGTGCTGATCACGCTGACTCCTATGAAGTGTGACCGATTCCGCTGCTAAAGTGAAA
GCGACATTA

>naRXN02296-downstream

TGAAATAAACGTGGATCAAGGAG

naRXN02300-upstream

GGGTCAATCCGGTGAACACGGATTTTCGCGCCGGTGAATCTGACGGTCAGCCAATTGCGGG
CAATGCTGTCAAAGCGGAGCGTAAAGATAAGGATCAGAA

>naRXN02300

ATGAAAACCTTATGCAGTACTAATTGCGGTGGCAGGGTTGGCACTTGCTGGGTGTAGCTCG
TCGGCTCCTGGAATCTGGCGTGCCACTGAACCCGCAGATGCCTACCTTGAAATAGCCGAT
GACGGCACGCTGTCCGGAACCGACGGCTGCAACAGACTTTTGGTGGCTGGGAAAAAGAC
GGCTCTACCATCACTTTTCGCGCCATCGGTATGACAGAAATGTACTGCGAAGGCGTCAAC
GATTGGCTGTCCAGATGCACACCGCCACCGTCACCGATGCCACCATGACCATTTTCAAC
GAGGCCGGCAGCAATATTGGCGAGCTAAAACGC

>naRXN02300-downstream

TAAATGCTTCTCGACGTCAAAAG

>naRXN02301-upstream

GCTTCGCATATGTCTGGATCTTATTGGATGTATGAGTCAGAGATCAGGGAGATCGCGCAC
TAACCGAACCTGGCCAGTGCAACAGGATTATGTTTAAAGC

>naRXN02301

ATGGATCTTGCACTGGCTCAGGTTGATTCCACCGTTTCGGGGCTTTATGACGCCCTCGAT
CTCATCGGCGTGCTGCTGAACGGAATAATCGGTGGAACGATCGCCAGGCAACGAGGCTAT
GACATCATTTGGCTTTCTGTTCTGGCGTTATTTTCTGCGCTGGGTGGCGGAATGATCCGT
GACATGCTGATTGAGCAGGGGACTGTGCGGCGATCGATAATCAGATCTACCTTGCCTC
GCGTTTTCTGGCGCGCTGATTGCCATGGCGGTGAACTTAAAGGCAGGGTGTGGGAGCTG
TTTAAAGTTACGGCGATGCCATTGTGTTGGGCGTCTGGGCGGTGACGGGTTCCTGTAAG
GCGATGAATGCGGGGTGGCTCCGCTGCCGAGTATTTTCATGGGCGTGCTACCGCGGTG
GGTGGTGGCATGGTGCCTGATGTGGCTACTGGCCAGACGCCGACGATTTTTGGTGGCGGA
ACTCTTTACGCTGTGCCTGCGACGCTTTCTGCCACGTCAATGGTTATTTTTCATAGCTTT
GACCAGGTAATCTGGGTATGATTATTTACCGTTCTTGGGTATCGCGTTGGCGGTACT
GCGTATTGGTGGGTTGGGTCAATCCGGTGAACACGGATTTCGCGCCGGTGAATCTGACG
GTCAGCCAATTGCGGGCAATGCTGTCAAAGCGGAGCGTAAAGATAAGGATCAGAAA

>naRXN02301-downstream

TGAAAACCTTATGCAGTACTAATT

>naRXN02302-upstream

GGCCAGGTTTCGGTTAGTGCGCGATCTCCCTGATCTCTGACTCATACATCCAATAAGATCC
AGACATATGCGAAGCTAATGAAGGAAACGAGGAGCTGATA

>naRXN02302

GTGGCAACAAATCGTACATCTTCCGCTGGTGTACATCACGTCTGTTCTCGCATCCGCTTTG
TTCGGAGCGATCTTTTTTCATCTCTGGGGCGATTGAGGCAAAGGCGGAAACACTTGTGCT
TGGCGTGTCTTCTAACAGCGGCATGCTATTTGCTTGCCCTTCTGCACCCTGCTGGTCCG
AAGGTGTTTAAAGGAATTTTGGGACACACTAAGGTCCCAACCTCGTCAAAATCTGTACTTT
ATCTTCCTCGTTGTACTCATCACGCTTCAGCTGTGGCTGTTTTCTTGGTCGCCTAAGAGT
CATGCTTTAGATGCCTCACTTGGTTACCTGTTACTGCCCATTTTCCTAGTAATTGTGGGG
CGGTTTTTCTTCGCTGATTACATCACCAGGCTGCAGTGGATTGCGGTGGGAATCGCGCTG
ATCGCAGTAACCTGAAATTTGTCATTAGTGCACAATTATCGTGGGTAACTTTTGCCATC
GCTGCGGGTTATGCACTGTATTTTGCCTTCGTAAATACTCGGGGCTGAACAACGCTTTT
GCTTACGGCGCAGAAGTTTTAGCGTTAAGTCCCTGGCATTTTTCATGCTCGCCACTGTC
GAGGATCCGCTGTCTAACGCCATGTTGTCAATGGTTATTCTGGCGGGCCTCGCTGGCGCA
TTAGCTATGGCGTGTATCTAGCCGCCCTCAACTCTGCTTAGTATGCCGATGTTTGGCCTG
CTCAGTTATGGTGAACCAATCTTGCTGTTTGTGTCAGCACTATTACTTGGTGAAACGTTG
AATCTCAGCGACGCCATTGTCTACTCACTACTGGCGTGCGCCCTGGCGTTACTGGGATTT
GATGGGATACGAAGGTCTCGAAAAAACCTCGAGACCGAT

>naRXN02302-downstream
TAACTTCTGCTCAACTTCCCACC

naRXN02303-upstream

GCCCCGGCCGAAATCATTCCAATCTCACCCCCACCCAAACACTGTTGATATTTTCACTT
TCCAACCAGCGACGTGAGCGCACGCACCTAAGGTTGTGCC

>naRXN02303

ATGGCTGAAAACAACACCCCAACAAGAACTGAACAAGATCAGGAAGCACGCTTCCGTGAG
GAGTTCGAGGTTGGCGGTAAAGGATCGTCAGCTTCTGAAGAAGAACAGCTGGAGCAGCTC
GGATCGTATATTGATGCGCACTACCCTGTTCCAGATTTACGCCCCCTTGGGCAGGTGGC
GCCGGCGATCCTGATCCAGCAGACCGCTATATTGCACATCTTCCCGATCGCACACGCA
ACTGCGATGATCATGTTGGGTTCTGGCCTTGATCATTCCATGCCGGGTGTCGATTTATC
GGTGGTGTGAGCGTCGATGACGTCCCGGAGGTGCGAGGCGCGATTTTCCACCCGTCGAAT
CCGACGGGCGCTGGGCTGTATCGTTCCACAGCGGTGGTTGGTGGCGCGGTTCGGGTGAT
GCGTTGGAGTTCAGTGCGGTCCAGAGGTGCGGCGAGCTGCGGAATTGTCCGGCACAACC
ATCCTTGACCTGGACTATCCGCTGGCCCCAGGCCATAACCTCCACGATATGAATGAGGTT
GTGGGCAAGGCGGTGCGTTACGCCCCGCCACCATAATCCGGTGTGATCAGGGTTGGGGT
TATTCCTCGGGCGCGCGTTAGCCGCGATTAATGCATCGCTTTTCGACGCCCTGGTCCTC
ACCTTTCCGGACCTGGGTAGCGTCGAGAAGCTCCCTGCCGAAATTCTGGGAGACGCTGTA
GTGCCCGCGGCGGCTGCGTGGCCGACGACCTTTGTGCAGATCGCGGCGCAGGATGAGATC
GCGGAGCGGCCAGGAGAGCTTGGCGACGCGACCGTGAAGGAATACGTTTCCCGCCACCGT
ATTTCCACACCGAAGGTGCGCGCGCAAAAAATCACCGACGTGGCGGAGTTCCTTAAACT
GTTTGC

>naRXN02303-downstream
TAATGTGCCAGCAGGTTGTAAAT

>naRXN02307-upstream

TTTTGCATTAACCCAGGTAGGGGCATTGTGCGAAAGCCCCAACTACAGCAAGGTGCGTAC
GCTGGTGGCCAACTGAATACGTTTGAGGAGAAGGTTTCT

>naRXN02307

ATGAGTGGCACCGCCATCATGTACGACACGACAGTTGTTCCATCGAAGAAAGAAATCGCG
CAGGCTTGGACTGGTTATGTGGATCTTCAGGGAAGCTACCGCCTGGTAGATACGGTGGAT
GGGGAAGTTGGCGTTGAGGTGCTGATTTCCAAGGATCGGGAGGGGCGTTTACTCCAGATT
CCGTTTATGTTATCGTTCCGCGAGAGATTAACCCAGAGCAGACACTTCCACATTGGAGCAT
GGTGTGTTGGGCAAGCGTTGGGTGACTAATGCGTTGGGTGACCCGGTGGCAGTGCGGGAG
TTTATTGCGACTATTTTGACGGGCGATGATGGTGCAGCTCGTAGCGATGGCGTGAAGGGC
TATCTGGATATTAAAGGTTCCGGCGATGCTGAGTCCGGTGGATTTACAGGATGTAAAGCTT
ACTGAGGTTACAAGGCAGCGTGCGATTGGTTCCGTAACCATCAACGGTGAGCGAAAGCAA
TTCTCGTGCGGTTGCCTCAGTTGCTGAAGAAATTCAGGGAGACAGCCGCGGGCCATACA

GCTACGACTCTTCGTATTGTGGCGACTCATCCGAAAAGGACGATGTTGAGCTGCTGGTC
GCTGAGTTCAACTGGATGGAA

>naRXN02307-downstream
TAATCCGAGACAGCTCCTGAAAG

naRXN02314-upstream
TGATACCACCGAAGTATCCGGATTACCATTTATGAAGCTTCGACCGTCCGAGATACCCG
CCGTGCACAACAGCAAGCTCTCATGGACACGGTGCACTAA

>naRXN02314
ATGGAGTGGTACCAAGTGGCGCGACGGGCCCCGACAACCTGCTCATTGTCTTTTATAGCA
GCGATGCTCGGAGCAGCCTCCATGGTGATCGGGCCATTCTTAACGACCGCACTATCGAA
GGCAACTCCGGGCGCGCCTTGGCACAAGTAACCAACGTCGGCAGCTACCGCACAACGGTG
GATTTCCAAGATGAAAACGGCATCTATCACTCACCAGCCACCGGCCTGTTGTCCCCACG
GGACTGGGCGAGGGGCAACGCGTGTGGGTGAACTACGCCAAATCAGATCCAGACCTGGTC
AAAGTAGAAGGCCGCAAGTGGACACTGTCCATCATCCCAGCGCTTAGTGTGCGAGCTGTC
GCCACCGCTACCTGGTCAGTACTATGGCTGGGAGTGGGCAGATTCCGAAGACGATCCGAC
GACGCCAACGAAACCACAGTG

>naRXN02314-downstream
TAAAGCTCTATGCCGGGAGCATT

>naRXN02337-upstream
CACAAGGTAAATTTGTGTAATTGTGTCGTGTGGATTTGAAGGTTTTGTAAATCTAGTT
AAATCATGAGGTCATAAGCTTTTCGGGAGGTTGTCAAAGG

>naRXN02337
ATGTCGAAGCTTTACGCGGGGGCAAGGATCAATGCACTGCGCCGAACCCATCAGCTCACC
CAATCAGCATTTGGCCGACAAGCTTGATCTCTCCACCAGCTATCTCAACCAGTTGAAAAAT
GACGGACGGCCACTCATGCCACGGTGCTTCTGCAGCTGATGAAAGTGTTCGATGTTGAG
GCCAGTTACTTCTCCCTGACCGGGGTACGGCCACTGCTACCCGACTGGCTGAAACCTTG
GCGATGAATCAGGGTCCGACGATGTGATGGATGATCTTTTAGATTTTCGCGGATCGTTTC
CCTCAGTTAGCGCAGCATATTATCCAGCCTGCTGAGGTTGATCCACGCATAGTTCTGCG
CATGATTTTGTTCGGGATTATTTTGCCACCCACAAAACTACATTGATTGCTCGATCGC
CTTGAGAGGAGTTGGCAACTGCCATTGGTCAGCCGGGACTTCGGGTTACTAGGCTCGCG
CAGTTGCTTGATGCGGAGTACAACATCACGGTGCGTTTCCGGGCGCCGGATATTACTGGC
CGGAGGCACTTTGATCCCCAATCGCGTCAGATTCTGCTGCGGCAAGATCTCAGCGAGGCG
CAGCAGTGTTCAGTTGGCGGAGGAATTGACGTTTCTTGCTCATGCAGAGCTCTTGGAT
ACCCTGACCACAGATCAACCGGATCTCCCTTCTGAGGCAGCTATCCGCCTGGCTAAGGTG
GGTCTCTCCCAATATTTTCGCGGCTGCTGTTGTGTCATGCCGTACACCCGCTTTTGGAAATC
GCCCAGGATAAGCACTATGACATCGAGTTGATCTCTGAGGCGTTTGGAGTGTCTTTCGAG
TCTGCATGCCACCGCCTGTCTACTCTGCAGCGTTTCGGGGCGTCAGGGGTGCCGTTTTTC
TTTGTGCGCTCGGATCGTGCAGGAAATATCTCCAAGCGGCAATCTGCAGCTACGTTCCAC
TTCTCGCGAACAGACGGCACTTGTCCTTTGTGGGCGCTGCATCGTGCTTTTGAACGTCAG
GGAAACATCACCCGCCAGGTTGCTCGCATGCCGGATGGCCGGACCTATTTGTGGCTCGCA
CGCGCGGTGAAAGGTCGAACTCATGGTTTCGGGTATCCTGCTGCGGAATTCGCCATCGGC
CTGGGCTGCGATATCAGCGAGGCACCGGCTTGGTGATTCCCAAGGCCTTAATTTGGAT
CCCGAGTCCGCCGAGAGATCGGCCCTGGTTGTGTCGATCTGTCCTCGGGAGAACTGTGTG
CAGCGTGCATTCCACCATCGGGTCAAGAATCTATCCGCCAGCCCCCTGTCCAACCTCCTC
AAC

>naRXN02337-downstream
TAAAAAGGCAGCACTTAAAAAAC

>naRXN02339
CCCACCGACAACCTCTTTTCATATCCTGCACAACGCTATGATCTTCTCACACTTGCCCTT
GAAGTTAGGATTGGGGACATGGTTCAAATTAATGACATGCTTGCCCCCTCCTCCAGTAAAA

CTTCCGGAAGATCCTGCCCTCGGCGCCGATCCAACTTTGACCTCGACAGCGATTGCGCAT
CCTGACAGCCCATTTGGTGTGGGCGTACCGAGCTGAAAATCTTATCAAATCTGCATCAAAT
GATGAAGAGAAGATTACGGCTACGCTTTTGGCGCACGGGTTACCACCGCAGTCTCGAT
CGTCTGCGTGCCAATGGTTGGAAGGGTTGGGGTCTGTCCCCTTCTCTCATGAGCCAAAC
CAGGGAGTGTGCGGGCTATCGCTTCCCTAGCTCTTGCTGCGAAGCTGATTGGTGAGGAC
AACGAATACGATCGTTGCCGCCAGATGCTCTCTGATGCGGATCCAGAGTCCGTCGCAGTC
CTACTCGACAAA

>naRXN02339-downstream
TAAACCACCAAAAATAAAACAAT

>naRXN02340-upstream
AAAACGTGTCTAAAAATTAGTTTTTATTGCTGCTGATCACCTCTTGAAGAACTCAACCC
AAAAGTGCTTCAAGTTATGAGAAAGTGAATCCAACACC

>naRXN02340
ATGAAAAAGAGCATCGTTGTATTTGAAGTCGAAGGCGGCTCCGACAAGCACTTCGACGGT
CACCGTAAAGACACCATGCCTATCGTCAACTCCATAAATGATGCTGGCTGGCAGGCAGAG
GTTGTGTACTACCGCCAGAGTGGACCGAAGGTCTCTTTGAGTACGTATCTGAAAACCTC
GACGGCTACATCTCACGTGTCAACCCAGGCAACATCCCAGGCGGCGAGCGCGGCTACTTT
GACCTGCTCACCCGCTGTCCGAAGCAGGGCTCGTGGGCATGTCCACCCCTGAGGAAATG
ATGGCATACGGCGGAAAGATGCGCTGGTCAAGCTATCCCAAACCGACCTGGTGCCATCC
GACACCGAGGCGTACTACGACGTGGAGACCTTCCACAAGGTTTTCCCAACCTCCCTGTCC
TTCGGTGAGCGCGTGCTCAAGCAAAACCGTGGCTCCACCGGCTCCGGCATTTGGCGCGTC
CAGTTGGTAGACAAGGAAGTGGCTGCATCCATCGAGCCAGGCACCGCACTGCCATTGGAC
ACTGAAATCAAGTGCACCGAAGCAGTCGACAACCACACTGAAGTCCGCAAGCTCGGCGAG
TTCATGGATTTCTGTGACCAAGTACATCATCGGCGACAACGGCATGCTCGTTGATATGCGT
TTCATGCCACGCATCGTCAAGGCGAAATCCGCATCCTTCTCGTCCGACACACCCAGTG
TTCGTGCTGCACAAGAAGCCAGCAGAAGGCGGCGACAACCTTCTCCGCAACCCCTGTTCTCC
GGCGCAAGTACACCTACGACAAGCCAGAGCAGTGGCAGGAAGTATTGACCTCTTCGCA
GACGCTCGCCAGTCATCGCAGAAAAGCTCGGCGGCGACAACATCCCATTGATCTGGACC
GCAGACTTCATGCTCGGCGATGTCTGTTGACGGCAAGGACACCTACGTGCTCGGTGAAATC
AATGCTCCTGCGTCCGGCTTACCTCCGAGCTGGACATGGGCATCCAGCAGCTTGTGGCA
TCAGAGGCCATCAAGCGCATCGAGGAATTCGCGCAGCTTACTGTT

>naRXN02340-downstream
TAAACTTTGCTTCTCGACGTCT

>naRXN02341-upstream
CGCGACTGGCGGAGAAATTCGTGTTGCGGATGCTTCGGGCACCGTTACACCCCTCAACGC
CGGTGAAATTACGCACCTTCGCCTGCAGTAAGGTGACGGT

>naRXN02341
ATGGGGAATTCACCTTGAGAAACATATTGCAGAGGGAGACCGGATCCACGTCGATCTGACA
TCTCCTTTATCCGCAATGTTGTTCCCATTTTTGAACTCATTGTGATTACTGGAATCTGT
TGGATGGGCATCGGCTTTTTGGATCAGCTTCCAGGAATCGATGGCACCAACCCCGCCGAT
AGCTTCCCCGAAGGCACCCGCAATCTTCTAGTGGGTGTGTGGGCAGTACTTGCTGCATGG
CGTTTCGGTCTTCCTTTAATAAGGCAACGTCGACTCCGCGTGATCTTGAGCGACCGCAAA
CTGCTGGTCCGACGCGCGGGTCTGCGCACCGGGTTCGATTCCATTCCACTGAGCTACATT
CAGCGAGTCCAACGTCGGCGAAACACCCCTGGTCTTAGGTGTTGGTGGACACCAACCGACCC
TATGTAATCAACCAGGTTCCCAAGGCTCGAAAAGTGAAGCGCTGCTCAAAGATCTTACA
TTTTGG

>naRXN02341-downstream
TGAAGGCGTTATAGTTAGGACTT

>naRXN02360-upstream
AAGTAATAAAGTTCGAAAGTATTTCCGAACGGTGTGCGCCTCTGCGCATACACTGTATT
TTTAAAGAAAATTCTTCTCAATTCTAAGGGTGAATATCCA

>naRXN02360

ATGCGTGGTGACGTTCAAAAAATAACCAAGGTTTATGACGGCAAGCACCGAACCTTGGAA
ATCCCGGTTTATCAACGCAATTACGACTGGACTGAAAAGCAATGTTACGCCTCTTTGAT
GACCTCAGCGAAGTGGTCAAAGAAAACCACCGTCAACATTTTTTTGGAGCTGTGGTTGGT
AAGCCTCAAGGCAGCTGGACCTGGGTTGTCATCGATGGACAGCAGCGTCTTACAACAATC
AGCTTGTTCATGCTTGGCTGGTACATTCCCTTGC GCGCATCTGAAGTTGAAGAAGGTGAG
TTTAATGCTGGGTAGAAEATTGATCTAGCGACATTGATTGAGGATGACTAGCTGGGATCC
GGCAATGAGGGAAACCTCAAGTTCAAGCTCAAGCCAGTTAAAAACGATAATGAGGCTTAT
CAAAAGCTCTTCGGCCCAGAATCTGAATTCATAGAGTCTCAAACCTCACTGCTAATTAT
CGCTACTTCCGCAATGTCTTAAGGCAACCGATCTCACCAGCTCAACTATGGGAAGCT
ATCGAGAACTCAGGGTCATGTATCTTGACCTTGAGGAATTTGATGATCCGCAGCGAATC
TTTGAAAGTCTCAACTCCACGGGATTAGAGCTCAGTGAAGCTGATAAGGTACGCAACTTG
GTTCTTATGGATCAGGAGCTCAAAACCCAGAAAAGCTCTATGAGCAGCGTTGGAATCCC
ATTGAAGTCTGCGTGAAATTTGATACCGACAATTTTATTGCTGGTACTTAACTCTCAAA
ACCGCGCGCACCCCAAGAAAGCAAGATGTTTATGAGGAATTCAAGAAATTCATCCGTAAC
TCCAAGCTCCCGTCGAATTCATCTCGACGATATGTACGAGTACGCGAAGCTGTACCGA
GATCTCTTAGGTGCCACTACTGGGTTTATAGCTGCCGATAGGTGTCTTAAGCGTTTTGTC
CCTGTATGGGCGATGTGGTTTTGCCTTTTCTGCTGCCTGTTCTCAAAGATGCTAAAGAC
GGCATCATCCCGAATCAGACTTCTCGGAGTTCTAAAAGTTCTGGAATCTTATTTATTC
CGCCGTTTTGTCAGTCGGGGTTGCTAGTAACGCCTTAAGCAAGATCTTCTCCACTGCTTAT
AGCGACATCAAGAAATCTGGACTCCAGGGCAAAGTTATAGCTCACTGCTGGCCTACATT
CTGAAACGTCGCGATGGTTCGGGGCGTTTTCCCTCCGACAGTGAATCCCGTGAGAACTTC
GCAACCAAAAATTTCTGGAATATTCATAACGAAAACAGGCGTTACTTATTTGATTGTCTA
GAAAATGCCGATTCCAATGATGTTCTGTGACATCCAAACAAGTCTGGATGAAGGATCTCTC
TCCATTGAACACATCATGCCACGTAGCCTAAACGATCAGTGGAGAGCTGAACTCGGCCCT
GAATATGCTCGAATTCATGAGACTTGGATTAATAGAATTGGTAACCTCACCATCACCAGC
TACAACCTCCGCCATTTCAAATTTCTCTATGAGCGCAAGCGGACGATGGAAAATGGATTT
TTGGTATCCCCCTATCGCATCAATAATTTTCATCAAAAAGCAGAAGCATTGGTCTGAAGAA
CAGCTAATTGAGCGAACCAGAGCTGCTCACTCAAGCAGCGCTGGACTACTGGCCCCCTCCA
AAAGAAACCTTCCAGCCACCACAAGCTGTGCTTCCTACAGAATCCTTAGATAGTGATCTT
TCTTTCCGCGGACGCGAAATTTGTGCGCTTTGAATATGAGGACTACAAGGAAACGGTAACG
TCCTGGGCAGACATGCTCCAGAGCGTTCTAAAAGTCTTGAACCAATCCTTCCGCCAGGAA
CTCATAGCTTTGACCAATGAAGAAATCTGCCTGGCAACTTCAAACAACAGTAACAGCAGT
CTCCGTGAAATTTGACCACGGGCTTTTTGTAGACACTGGCTCTAGTACGAGTGTAAGATT
GGCTTCTCCGCGAGAGTTTTTACTCAACTGGGGCTAGAGCAGGAAGCATTGGTTTTACCC
CTTCGACCACTGGCAAATGATGTAGAACCCCGAGATGATGAACTCGAGGTAGAGGTAGAA
AAGAAATATTCGATTTGACTAAATTCATCCACAGTTAGAAGAAGCTGAGAATCTCGAG
GGGGCGGATACAGAGGTTATTCTCTCCTCTCAAAGCTCAAGGAACAACCTGACAGCCTTT
AGCCCGGAGAATCCTCAAGCAGCCCTAGGGGGCTACCTGTTCCAGAATTCCTCAAACAA
AATGTGATTGAACAACTAAGCGCAGAGCACATCCTTGCTGTACTCACTCAACACTTTAAT
ATCGCATCCATGATGGGTGATGACTATTTGCTCGAAGAGCTCAGGTCAGGCCGCTTAAGG
GAATTACTGCAGCGTTTAGAGGAATTGGATAGC

>naRXN02360-downstream
TAATAGCCGTAGTCGGTGGTCAA

>naRXN02361-upstream
TAGAGGAATTGGATAGCTAATAGCCGTAGTCGGTGGTCAAACCTTTGACCACCGGACTCCC
CTTTAAGCACAACTCTAGCTTTTATTTAGGCTTGGAGTT

>naRXN02361
ATGGAACCTCTCTCCCACTTGCTTGCTCTTGATCCTGCCTCCCTCGTTTGACTGTTTAT
AACGAGTCCACGGGTGCGCGTTTGGATTTCTCCGCCATCACTCTTGATAACTGGGCGTCC
AAGGTTGGCAATATGCTCCTTGAGGAATTGGATCTGGAGGAAGGCTCGCTCATCACTATT
GATTTGCCGGTGAGCTGGCAGGCCGCAATGATTATGCTCGGCGCTTTAGCAACTAGTGTT
GAGGTCTCTTTTGATGATCCCAGGCAGATGCCATCTTTACCTCCCTCGATAGATTTTCC
CACTACAAGGGCCATAGTGATGTGCTGATTGTCAGCGAGGATCCTTTTGGTCGTGGAGTT
GTTGAAGGTGGCGGTGAAGTGCCTAATGGTGCCATCGATTTTGGCCCCACAGTGCGTTT
TATGGCGATCAATTTCCAGCCTACCCGCACATTGCCGAAATCATCCAGCATCTGAT
GTTCCGGTTGGCGCCAGAGTTCTTGCAACTGGTTGGTCAGATATCGAGTCCTTCAATCAC

CAGGTTTTAGAACCACTCGCAGTGGGTGGCTCTGCAGTAATTGTGACCGGACTGGCTGAT
ATTGAGCGTTTAAACCAGATTGCAACCAATGAGAAGACAACCCACCGTATC

>naRXN02361-downstream
TAGGCAAATTCGGTTACTACTA

>naRXN02367-upstream
GGCACTTGAATCCGGACGCTAAGTTGTTGATACATCAACTTATTTCTTGGCTATACTTGA
GGTCACGTTTCCTCAGCTCAGGAGAAGTTCGGAGAAGTCC

>naRXN02367
ATGTCAAACGCAGAAATTAATCCCGTTGAATATGAAATCAACAACCACGCCCTGGTACC
GCGCTAAACCCACAGTGCAGAACGCGGCCAACGTAGAAATCATCACCTCCCGTGAAGTC
CCCCTCGGCGGACCACGCGCCATGACCGTGCACCGCACACTCCCCAACGCCAGCGCTCC
CTCATCGGTGCCCTGGTGTGTTTGTGGATCATTACGGCCCCGATGATGTCTCACTAACCGGT
GGCATGGATATGGCCTCCACCCGACACCGGATTGCAAACAGTCACGTGGCTTTTGTAA
GGCGAAGTCACCCACCATGATTCCGGCGGAAATCACGCAGTCGTGCTTCCTGGCGAAGTC
AACCTCATGACCGCCGGCGCAGGCATCTGTACACCGAAGTTTCCGCCACCTCCACCACG
ATTCTGCATGGTCTGCAGTTGTGGACAGTTCTTCCCGACAAAGACCGCGAAGGACCACGC
CGCTTTGATCACTACGCTCCAGAAGAAATCACACTCGAAGGCGGAAGTGCACGCGTTTTC
CTAGGTTTCGCTATTTGGTCAAACCTCCCCTGTTACATACGTTTACTGGCTCTTCTGTTTT
AGAGTGCAT

>naRXN02367-downstream
TGATCTTATGGACCAACTGCCCT

naRXN02368-upstream
CTTAGGTCAAGCTTGCATTTATTGGCTAGTGTCGGAAATCATGGGAGATTTAGCAAAGCA
CATGGGCAGTGAACCACCAGCATGGTGGAAGTTTACCCT

>naRXN02368
ATGATTGTCCTCGCTGGAGCCACTCGAGTTACCTATGAAGTAGAACCTTGGCTGGCGATC
CCATTATTCATTTTGGCTTTTGCATCGATATTGATCCCATTCCCGATCTCTAAGACAAAA
GGACTCCGTGATATCGATGCCTGGAATCCACACCACGCAAGGCGATAAAAAAGCGTGCC
ATCCGCCAACTGATCATTCCGGCTACGGCTTTGGCCATCGACATCATTGGGCTGCCGACA
TTATTTAATGCCCTCCCTTGCTTCCGCTGCACTTTTGGCGGTGTTTACGGCGCTTCC
CTAGCTTGGGCTGCTACAGAGCTGATCAGCTTCCACGCATTTCGAACGAAGGAACGCCTC
GCAGAACTTTACAAAAATGCATCTCTGGATGATGTGCGCTCAGATGACTTAGATGTTCTA
GAGCAGCCGGAATCCCGTGAATTAGTGCGCTGTCTGCTTGCCACGGTGCGATGGATGGC
ACTCGGGTGATGGCCAGACAGGTGCGCGAGTACTGGATACCGAGGTAGACGAAGTACAT
CAGGTAGCACGCTCACTAGAACAGCATGGTTTGGTTAGTCGCTCCACCATCATGCCGGGT
GGGGATCCAGGAAAAGTATTCATCGAAGTTTCCCTGAAAGGGATCTCAGCCATCAAGGCA
CTTGAATCCGGACGC

>naRXN02368-downstream
TAAGTTGTTGATACATCAACTTA

naRXN02381-upstream
AAGTTTGAAGAAGTAATCAAGCTCCCCTGTGAGGACTCGTTGTAGTCTTTTATTTAGTTA
ATAAAAGATTTTCATACCAACTTGTGAGGAGGAGCTTTC

>naRXN02381
ATGTCTGTCAAACTTCCGTGCGTTTCTTGCTGGCATAGCGGTATCGCGGCGTGTT
GCTGCGACTCCAACAGCTCAGGCACAAAGCAGTGGCTCTTCTGGATCCTCTGGTCTTTCA
GCGGGATCTAGCGGGCTGTGGGATTTACTTTTCCAGAATCCCATGAGTCTTTATCGAG
CGGCTTCTTGATCCTTTGGATGACAGCCATATATCTATTACCCCTGACCTCACCCAGAC
CTGTATGAAGAGGTGTTGATCCACCGCAAATTTGGTGAATGCCAGCCGTTGTTGCTGTG
GTCGCACGAGGCACTGAACAAAACCTTCAAATCCGACCCGCGGATACAGCGAGGAATCT
CCATGGACATCCAATGGATTTGAGGAAAAAACTTTCGTAGTTTCTTTGGCCGAATGGAA

AAACACTACCGTGAATCGACTGGCGAGTCGTTGATGAAAGACGTCTACGTGATGGGTCTG
AATAATATCGAATACCCTGCTTCTTTGCCACTGTCTTCGGAGGGAAGCAGCGCCATTGAA
TTGGGCACTTCCATTTCTAGTGGTCGCGACAAATGTCATCAGCGCGATTGATCGCTTTGAA
TCAGCGACAGGGTGCACGCCGAAGTACCTGTTGGCGGGTTATTCTCAAGGTGTCTCATC
GTTGATGGCTATGAAGAGGAGTTGATTGCGAGGGATCAGTACCTCGGCACCCTGCACATC
GCGAATCCAGCGCAACAAGTTGATGATCCAACACTTGTGGGCATGAAGTAACCACGGGA
GGCTTGGCTAGTTCCGTGGAGCCCGTCGAGGACAATCCTTTCAAGGTGAGCTACTGCCTG
CCTGGAGACATCGTGTGCGATCGTTCTTTTGACAGTTCTCTGCTGCGGGATCCTCTATA
GCAGCTGCGCAATTGAGCACCGGAAATATCCGTCCAGGTGAGTACACGTGCAATACTTC
GTTACCACCCAACCGTGGGATGAGCAGATTTTGTACGAAGTCGCATCGTGGATTGAAGCT
GCC

>naRXN02381-downstream
TAAAACTCGCGAGGACGCATGC

>naRXN02383-upstream
GGGCAACAATGTGGAACGCCAGTGGTATCTTGACGGCTGGAACATGGGTGTTACGCA
GTAAAGAAGATGGCAATAAAAAATGTGGAGGAGTAAAGGCG

>naRXN02383
ATGCCAGTTCGGTAATTGTTGATTCTCCGCATGCTTGCCAACGCATGTGGCCGAGGAC
CTCGACATCACGGTGATTAACTTGCACGTGATGAATAACGGTGAAGAACGCAGTACATCC
GGGTTGTGCTCGTTGGAACCTGCAGCAAGTTACGCCCCGCCAGCTTGAACGCGGTGGCGAT
GACGGTGTGCTTGCCTGCATATTTCTAAAGAGCTCTCGTCCACGTGGTCCGACGCGGTG
ACAGCAGCCGTGTGTTGATGATGATTCTGTGCGCGTGGTGGATACCAGTTCGCTCGGT
ATGGCTGTGGGTGCTGCCGCGATGGCTGCTGCCCGCATGGCTAAAGATGGCGCGTCTTTG
CAGGAATGCTACGACATCGCGGTGGATACCTTGAAGCGTTCAGAAACCTGGATCTACCTG
CACCGCATTGATGAAATCTGGAAGTCGGGACGGATTTCCACTGCAACCGCCATGGTGTCA
ACGGCTCTGGCAACCCGCCCATCATGCGTTTCAACGGTGGTCGCATGGAGATCGCCGCT
AAGACCCGCACCAATCTAAAGCGTTTGCCAAATTGGTGAATTAGCCAGATCAGGGCA
GATGGTGAACCGTATTCAATTGCGATTGGCCAAAAC

>naRXN02387-upstream
GCTAGCCCCGATTGCTTCAGGTCACCACCTTGAAGGCCAGCGAAATTACTCAGGGTGAA
TTGTTGGATGCGTTAAGCCCATCCTTGTGTTGCTGAAGACC

>naRXN02387
GTGTGGTGGTGCTTACCAACATGGATCAAAGCAGGCCAAGATGCTGTAGATCTAGCCTTA
TCCGCAGCAGTTGATCCCAGCCCTGGTACCTACTTGATCGTCATGCACTCTGGCGGTGGA
CGCTCTAAGTCGATGGTGAAGAAGCTGGAAAAAGTCGCGGTGGTGCACGATGCCGCAAAG
CTGAAAGACCGGGATCGTCCAGGTTGGGTAAACAAGAGTTCAAAAACCACAAAGTCCAG
GTCACCCCGATGTCATTATGCTCTTTTAGAGGGCGTGGGTTAGATCTTAGAGAGCTG
GCGTCCGCCGTATCCCAATTGGTTGAGGACACCCAAGGCAACGTGACGGTGGAAAAAGTC
CGTGCCTATTACGTGGGTGTTGCTGAGGTATCGGGTTTCGACATCGCCGATTCTGCATGC
GCCGGTCAAATGTCAAAGGCCGTGGCCAGCACCAGAGCTGCCCTTCAATTGGGTACCAGC
CCGGTTGCATTGGCAGCTGCGTTGAGTATGAAAGTTGGCCAGATCGCCAGGCTGTATTCC
ACCAGGGGACGCATCAACGGTTTTGAGCTGGCCAAAGAATTGGGCATGCCGCCGTTCGTG
GTGGAGAAGACTGCGAAAGTGGCCCGAAACTGGTCGGGAGATGCGGTGACGAGGCCGTG
ATTTTGATGGCCGATCTGGATGCCGCTGTAAAGGACAAAGTGGCGATCCTGAATTTGCC
ATCGAATCTGCCGTGAGAAGAGTTGCAGAGCTGGCGAGGCGG

>naRXN02387-downstream
TAACGCTGAACGGCGCGGGTAA

>naRXN02398-upstream
GTGTCCAATGAATGCGTTCAATAAATGCCCTCTTTAAGCATATTCTCTGAGTGCATTCAT
TACAGGCGTTAATTAATGCGTTCATAGAAGAACTGAAA

>naRXN02398

GTGGTTGAAGTGAAGAAGCGTAATCTCCTCGTAGCTCCCCTCACTGCTTCCCTGGTGTTT
TGTAAC TTGGCTGTTGCAGCAAACGCCGTTGAAGTTGAGGCCGAATCACCAGTTGTCATC
AATGAAGTTGAATCCAACAGCGACCCAGTTGGTGACTGGGTGGAGTTGGCTAACACCGAC
AACAACTCCATCGACATTTCCGGTTGGTCCTTAGTCGATGACAAGGAAGACCTGGAA
AATGCCCTCGTCTTCTGAAGGCACTGAGATTGAGTCCGGTGGATACTTTGTTATCTAC
ACCGACTCTGCTGATTACGTGCCTACCAACAACACCTTTGGTGGCCAGGAATACTTCGGC
CTCGGCAAAGATGACACTGTTACTCTGCGCAACGCTGAAGGCGAAGTAGTTGCTACCTAT
TCCTGGAAGGATCTGGGCGAGCACGCAAGAACACCTATGGTTCGCATCCCAGATATGACT
GGTGATTTTCGCAAACACCGGCGTTCCAACCCAGGTGCAAAGAATGTTGCTGCTGAAGGC
TCCGGCGAAGAAGAAGGCGTTGTTGCAAACGCCAGCTTCCATTCCACAACGTTGAAATC
ACCCCAATTCACCTCGGTGGAGATTTACCGGTGAAGATATGTCCGGCGTTGATTTTCGAT
GCAAACAGCACCGCATGGATCGCCAACAATGACATTGGAAAGATCTACTCCCTCGCCAC
GACATAGCTAACAAACACCTACAAGCTGACTGGCGAATGGGAAACCGGTACCCAGAAGGC
GGCGGAGAGCCAGACGCTGAAGGCATCGTCGACGCTACCAACGGTGACATCTACCTGTCC
ACCGAGCGCAACAACGCTGACAAGAAGCTCTCTCGCCCATCCATCCTGCGTTTTGTACCC
CCAAC TGGCAAGACTGGCGTACAAAACGCAAGTTGAGGAATGGGACCTGTCTGAGTTTCGTC
GGCGACATTGACCCCAATGGTGGTCTTGAGGCAATCGCGCAGCTCGAGGACAACATCTTC
GTTGTGCGTGTGCAAGAGACAGGTGATGTCATCGTTGTTGATCTTTCCGCTGACCAGCCA
GTTCTGGTTCAAAGGTACGAATCTTCTTCGACGGTGTCATGTCGCTTGATTACAACGCA
GCAACCAAGCAGCTCAGCGTTGTGTGCGACGAAGCATGTGACGGCTTGCTGAAATCCTC
GAATGGGATGGCGAGAAGCTGTACAAGTCCGACGACAAGATCTACGAGCGTCCAGCAAAC
CTGGGCAACTGGGCTAACGAAGGCTTCGGCACCTACACCTCAGAGCTTAAATGCGAGAAC
GGCAACACCGTTTCTGTCAACAGCTACCTCTGGGCTGACGATGCAGCAACCAACGAAGGC
ACCTCCCTCAACTCCGCACAGGTCAACCGAGATTGCGGCGACGTCAACATCCCTGGA
GAGTCCCTCTTCGCAAAATCTCTTCTGACTTTGCAACCGGCAGCATCGCAGGCGCCTTT
GCAACCGCAGTGCTCGCAGTCGTAGGCATTGCGGGCGCACTGGGTGGATTCTTCCAGCAG
ATCCTCGCAGCGTTCACGACATTGCAGCAGGTCACTCCGTTTC

>naRXN02398-downstream
TAAACCCACTGCTTGAAACACTT

>naRXN02406-upstream
CACTCTGATAGCCTTTTCTCTGAAATTGTACCGAGCATTTGATTTTGTTCCTTATCAAT
GCTGGTTTTGGTGACAAAACCTCGGCGGAAGGACCACCGA

>naRXN02406
ATGGAACCCCTTGCAAGCAGCGCACCCCTGCTAGAAAAATGGGGCGTCGCGCCGACG
CACGCATCTTTCGTCGAATCCATTGCAAAGGCCATCCCATTCTGTCGATCCTGCTGACG
CTGATTGTACCGTGAATGGAATTTCAAGCGGAAATCCGGTCCAGCCACCAGCACTGGAA
CAGGTACGGACCGATGTAGTGAACAAGATCAACTACGAACGCAACCTAAAGGGCCTCGTC
TCGATCAGCCCGGAGCTTGAATTACACACGGCAGCCCAACAATTGCGCAGCGAAATGCA
GACTCAGATTCCGAAGAAAAAGTACCGGATCCAGAGGGCAACCTGGTGGTTCTGCAACAG
AATCTGCCCCTATGCAATGCAACGCCGATACCATCGTTGATCGGTTCTTAACTCTCCT
GATCATGTCAAACACTGCTTGCAACGATTATGAAGCCATCGGAGTTGGTGTGGCCTAC
AAGGGTGATCATGCGTGGATAGTGGTGGAGTTCAGTGTAGCTCCCGTGATTCCGTAGAA
TCAACAGAG

>naRXN02406-downstream
TGAATACCAATCCGTCTGAATTC

>naRXN02407-upstream
GGATAAAATTTGGATGACATATCACCTAAGCTTGCAATTTCTACTGGAATAGCGCGACT
ACTCTGCACCAACGCATAGTTGTTGACTAGGCTATTTGTC

>naRXN02407
ATGAATAGGCAAAACCAACTTCACTACCCGCAGGAAGTGAAGGCAGTGGAAGTGTGGAA
TCAAGCTTGAACATGTGCTCACCTTCTGCACCGCTTGCCACGCCAGATGTTGAGCTTGAT
GTGCACACGTTGTGAGCGAAAACCTGCCTTGGTTGTGCATCGTGTGGGATGATCCGGTC

AATTTGATGAGCTATGTACCTACGTTTTTCAGACTGTGTTGGGCTTCAGTAAGAAGAGG
GCCACTGAGCTGATGATGCAGGTGCACACCGAAGGTAAAGCCGTGGTGAGTTCTGGCGAG
AAGGACAAAGTGGAGGGTGATGTGAAGAACTCCACACCGCAGGGCTGTGGGCGACAATG
CAGCAGGCAGGG

>naRXN02407-downstream

TAGGGGAGAATTTTCATGCAGCA

>naRXN02408-upstream

GTGATGTACGCGGCGGGGAAGCCGCCGAGGAAGACCGCGAAAACCTCGTGCAGTGGCTTG
CCTACAATCAAGAGTCCTTGCTGGAAGCGATGATGAATTA

>naRXN02408

ATGCTTATCGACGTCGCGGGCTTCCTTTTAGGCCACGTCACGAAGGGGGATACGGGTTCG
TCAGTGGTCATTGCACCTAACGGTGCATTTCGCGGCGTCGATGTCCGTGGGGGAGGCCCA
GGCACCAGGGAAACCGACCTTCTAGAACCACACAATTCTGTGCAGCAAGCACATGCCGTG
GTGTTGTGTGGCGGTTTCGGCGTTCGGGTGGCTGCTGCCGATGGAGTGATGACAGCCCTA
GAAAACCGCGGTATTGGTTTCCCTGTCCGTCCCGAAGGGCCTATCGTGCCAATCGTTCCA
GGCGCTGTGATTTTGTATTGTTGGTGGGCGATCCCAAAAACAGGCCACGGCAGCTGAT
GGGGAACAAGCAGTTGAAAACGCTTTCGCTGGTACACACAACGGTTCGGGCAGCGTCGGT
GCAGGAACGGGTGCTACAGCAGGTCCGGCTCGGTGGCGGTTTTGGCCAAAGCTCGCGCCGG
GTCGGAAAGTACACCATCGCGGCAGGGGTCGTGGCGAATCCTGTTGGGGAAGTCGTGGAC
CTAACAACCTGGAGCTTTGTTTGGTAGGCCCCAAGTGATGGGGGTGGGCGTCGATAAGCTA
AAAAGCGCGGCAGAGACGCTGAACACGACCATCGGCGTCGTGGCAACTGACGCGCCGGTG
ACAAAAGCCCCAAGCGAAGCGCTTGGCGCTGGTGGCCCATGATGGTTTGGCGAGGGCAGTG
CGGCCGTCGCATTACCGATGGACGGTGACACATTTTCGCCATGTCATCGGGTGATGGT
AGTGGCGTTACCCCGGTTGAGCTGGCGGAATTGTCGGCTCATGCTGCAGATTGCGTACAG
GACGCTATCATCGACGCCATACTTACCGCGAGTCCGGGACTCGGGCTCAAAGCTTCAGG
GAACTTTTACCA

>naRXN02408-downstream

TGAGTTACAACAGCCCGTATAAC

>naRXN02409-upstream

GAGTTCTGGCGAGAAGGACAAAGTGGAGGGTGATGTGAAGAACTCCACACCGCAGGGCT
GTGGGCGACAAATGCAGCAGGCAGGGTAGGGGAGAATTTTC

>naRXN02409

ATGCAGCAGTGGGAAGAAGAAAAAGGGCTGATGCGCCAGGCTCGTTACGCGGTGGTTTTT
GAGCCGATGGAGCGGGAAGTGTTGGGTGATTTGTCAGCTGCGGTGAGTGAGGCGTTGATT
CAGCGTGCACAGTCTGTGCCGAAGGATCCTTGGCAGAGATGACCGGCATGACAAGTGGA
CACAAAGAAGCACCAACCGATCCGGCGCTTGCAGCGTTGCTCCCTGATTTTCAGCAGAG
GGCGATGAGGAATACGACGGCGATAATTCTTCCCTCCGTTCATCCATGAAGGCGACATC
ACCCGAGCAAACTGGAAAATCTGCGCGTGATTAACGATGCGCTGGGACCCGACGGAAAT
GTTGCGGTACCGCCTCTGAGGAGGAAGCGCACGCTTGGTTGGCTGCGCTCAATGACATC
CGCCTGTACGTTCCCTCCGGTGATGTACGCGCGGGGAAGCCGCCGAGGAAGACCGCGAA
AACCTCGTGCAGTGGCTTGCTACAATCAAGAGTCCTTGCTGGAAGCGATGATGAAT

>naRXN02409-downstream

TAATGCTTATCGACGTCGCGGGC

>naRXN02428-upstream

CGAAAGATATGCATAAAGTGATGATGAAATAGCTTTGTGCGAAAGGTTTGCTCCCGGTGCA
TTCAGTTAGCGTGAAGGTGCCATCATCACAAGGGTTGATG

>naRXN02428

ATGGCCGCGACGTTAGATCTTCCAGATACAGATCCCATTGCCTATGCAATGTTTGCCAC
TGTTTACC GGCTCACGGTTCACGCCAGCCGCCGCGGAGTCAGTAAACACTCGCAGAA

TCCGGCGTCGCTGCCTGCGTTTCGATTTCCAGGACTGAGCCAATCAGAAGGTGACTTC
TCCAAAACACCTTCAACTCCAATGTGGACGATATCGTGGCGGCTCGCAGTGGTTGACG
GAACACTACTCCGCTCCACAGTTGCTCATTGGACACTCCTTGGGTGGTGCAGCATCACTG
AAAGCTGCCACCAAAATCTCCTGCCTCAAAGCAGTAGCAACGATAGGTGCACCTTTTGAT
CCTGCGCAGCAGTCTGCACTTTGCTGATCGCATATGTGATGTAGATGATCAAGGTGCT
GTCACCTCTGCAGCTCGGAGGCCGGGATGTCACCATTTCCCGCAATTCTCGAAGACCTT
GCAGAGGTCAACCCCGAAGATCACCTCCGCGAGGCTCCGCAAACCACTGCTTTTACTGEAT
TCCCCACCGACCAAAACCGTCGGCGTGGACAACGCGCAGCTCATCTTCAGAGTCACTCGC
TACCCTAAATCCTTGATGACTTTGGACAAGGCAGATCACCTGCTCACCAAAGATGGCACC
GCACAGCGTGCAGCCCGGATCATCGCGAAGTGGTTCGAGCCCTACCTGGTTCCAGAAAAC
GTCTGTGAGGATCTTCCGGAGTTTGTGCGCCGAAGCCTCAACCATCAAAGCCAGCAAATAC
GGCGCAGCCATCCGACCGGTGGTCACAATTTATCACCGACCGCGACAAATCCCAGGGT
GGCAAAAACCTCGGCTTCAACCCCTACTTCCCTGCTGGTTTCCGCGCTTGTCTGCTGCAAAC
TCTCAAACGATCAAACAAGCAGCCATCGACAACCGCATCAAAGGCCTTGACGATGTCAA
GTGACGATCTCCAGGAACAATCAGCCGACCAGGCCAGATCAAACCTCCGCCGAAAGATC
TCTTTGATCGGCAACCTCAGCGATGCTGACAGTGCTTCACTTCGGGCCGCACTAATTC
TGCTCGATTACCAACTGCTCGCGCAGGGAATCGTCATCGACGACGAGGTGAAC

>naRXN02428-downstream
TAGCGTGGATTTGAGTTGGGTA

naRXN02454-upstream
GGCAAGCGCTCCCTTAAGCCCGGTACCGGCTACCCCGAGGCACGTAATGAGTAGGGCA
GTTCTAGCCATAATCAGCAGAAAAGGTGGAGTGATTCGCC

>naRXN02454
ATGAAAGAGTCCATGAGCATCACCTCGTCGACGTACGCGTCGGCACTGCTGACACTGCCC
TGGGGTACACCCCTGGAACAGTGGCCCCGATAATCTCATCGCCGCGCTGCCAGGGGTATT
TCCCGGCACATCGTGCCTTTCGTGGGGATCAACCGTGGCATCGTCGCGGTCAAAGAAATT
GGTGCGCGTACCGCCCAACACGAGTACAAGATGCTGCGTGAAGTGCAGCGCCTTGGTGCC
CCCAGTGTGCGCCCCGTAGCCGTGATCACCGGACGCCATCCGGCAGAGGAAGACTACGGG
GAGCTCACCGCAGCTTTGGTGACCGAGCACTTGAGTTTTCCCTGCCCTATCGCGAGATC
TTTTCTCGGCACCTCACGGTTCGTGGAATCGGAGAAGCTCATCCGCGCCCTGTCCGTGCTG
TTGGTGCGGATGCATCTGCTCAACTTCTACTGGGGAGATGTGTCACTGTCTAATACTCTC
TTTCGTGCGGATGCTGAAACCTATTCCGCCTATCTCGTCGATGCCGAAACCGGGGAGTTC
CAGCCCAACCTCTCTGAATCACGCAGGCTTTACGACGTGACATCGCCCGCTCAACATC
ATTGGCGAAGTCAATGACCTACAGGCGGGTGAATGCCTAGATAAGTCCATCGATGTCATC
GCCCTAGGAGGCCCTGTGCGAAAGCTCTTATCTTGAATTGTGGACGGAGCTCACCGCGGAG
GAATCCGTCGATGCCAGTGAATATTGGCGCCTCTCTGAGAGAATTGACCGGCTCAATCAA
CTGGGCTTTGACGTAGGGGAGCTCAAGGTACGAAGGACGATTCCGCGCAGGTTGTGCGC
ATTCGCCCTGTAGTGGTGGATCCGGGCCACTATCGTGACAGCTATTGAGCTTAACCGGG
CTGAGCGTCGAGGAACACAGGCCCAACGCCCTATTGGGCTCGATCCAGGCCATCAGGCC
GTGCAATGCGGACCGCATGTAGGTCTTACCCAAGCCGCGCATCTCTGGATGACGAATGAA
TACGAACCGACTATCGCCGCCGTCCCGTGGAGATGTTAGACAAGCTGGAGCCAGCACAA
ATCTTCCACGAAATCGTCGACCAACCGCTGGTTCCTCGCCCAAGAAAGGGGAGGGGCTGTC
ACCCTCCCAGAGGCCACGGCATCCTATCTTGAATCCGTGCTTCCGGCCCGCCGCGACGAG
GCTCGCCTCCTCAGCACAACCCCTTCAGACGAAGACTTGCTCA

>naRXN02454-downstream
TAACCTCTCGCGTGCCCCAACGG

>naRXN02457-upstream
CTGTAAAGCCACGTGAGCTGTTGCTTAGACTTTACTCTACCCCGCGTGTCCACCACATC
AGTTAGAACATATGTACCACTTCAAATCTAGGGGGAAACA

>naRXN02457
ATGTTCTACTTCACCGTCAATAATCCGCAGGATCCTTTAAGCACCGAAATTGTTGAGACT
AATCGCCGTGACCTCGCATTTTGGCATCGATTACGCCCAAGATGACGATGATTAGCC
ACAGCCATCAACAAAATATGCGTGCGCACAGGCTTATCCCGCAAACCTGATCGCCGCTTGT

TTATTTAGCATCTGCTTCTGCCGTACTTACCCAACCTCCACAACTCGTCGAAAAGCTT
GGTCATCTCGACATGGCGCGCATCAACGCGATCACTAAAGCTGGCGAAAAAGTGCCAAGC
GAGAAGAGAGACTTTTCGACGCCTACCTCGTCGATTACCTGACGCCTCGAGCGGAGGCT
CAGTGCTTGCCCCAGGCAAGCTCAATTTCCGCAATGATGCGGAAATTTATCGCACAAAC
TGCCCCGACGACAAGGCCTCCTCAGCCACCAATGATGGCTCCATCCGCTACCGCAGAAAC
AACAAAGGCGGGATCAGTATCACCCTCGATGCCACCGCCAGCGAAGTAACAGAAATCAA
GCTGCCCTGGACAAATGTCCAAAGATAAGGACTGCACACCAGGCACCTTCCCTACTCCAC
ATCATTCGTGGCTGCGGACAAAAGTCGTACTCAACACCTACGGCACCAAAGACAGCCCT
GAATACTTAGAAGGAGGAACCTGGCTGTCAAAGGAACAGTCTGAGTTCTGGAAAACCCGA
ACCACGTCCAGTCGGGATATGGACGCCGCCACTTCTCTTACACCACCGCTACGCTCCA
ACCCGAGAAATGCGCGTCTACATCAAAGGTCTACGCACCACCTGTAGCGTCCCTGGCTGC
AGTGTAGCGGTGCGAAAACCTGCCAATGGACCACATCATCCCCTGGGGTGAAGGAGGGCCG
ACAACACCGTGGAATATTTCATCCCCTGTGTGTCTTCCACCACATCCAGAAGACTGAAGGG
AGGCTCCAGTGCTATCCACTACCGGACGGCACCCTCCTATTTCCTAGTGGATGGAATACCG
GTGTTCTCCATCCCCGACGGGCCTTTATCTAAATCGAATAAAACCTGGGGGACAAAGTTC
GGCAAATACATGGAGCGTCGAATCGCCGCC

>naRXN02457-downstream
TAATCCAGCAAGCCAGCGTGATC

>naRXN02460-upstream
GCGCCGTGGAAGCCGACTCGTAGGCGTCTACTACCAGCAATTTGACCGTGAGTCGTGCG
AAATCGTCGGACTGTTCCGGCTAGAAGGAGAATTCTAATC

>naRXN02460
TTGCGCGTCTACATCCCAGCAACGTTTTCCCACTCCGCGGACTCAATGAATCCCGCGTC
ATCACAGCAGCTCCGGATACGGTTTTCGCAGTCACCCAGCACTCCTTGACTTCTACACC
GACGGTGACGAAGAAGAAATCGCACATGCAGCCTTCCAAGACGCCGAGAGCCTCCATC
CGACTCCTCGCAATCGGCGACGAAGAAACATTTCCCTACCGCAGAGTCGTCTCGATTA
GATGTTGACGACTCCGTGGTGACCTACCAGCCTGAAAACGGCGAATCCGTAGTCAAACCTC
AGCCCAGCGCACATCAACCTCGACGACGTGGCAGCAATCCACATCGACGTTGAAGCCTCC
GAAGCAGACACCAAAAAAGCTATCGAAGTCATCGACGAATCCGACCTCGGCGAAGAAGAC
GCCGAACCTCACCGTCGGAGACGCCCAAGACAACCTTCATGGCCTGGTACGACCCAGAAGAG
CTCCCCCTCCTAGTCGAGCTCCTC

>naRXN02460-downstream
TAGATCACATATCCCACGCGTCG

>naRXN02464-upstream
ACTCGACATCCGAGAAGGTGTACCGAACGAGTCGGACCACCAACCAAGTTCTAGGCGG
AACAGCCCCACGACCACCGCCGACCCGGAAATAACTT

>naRXN02464
ATGGCAGCAAAGCTTCAACCACTCAAACGCAACAAAAAGACCTCATCGCAACCGGTGTC
ATCACAGCACTAGCAGTCATTGGCGTCGGCACGGTCTGGGCAACCGCACCAATACGAGGA
TCTGAACTACCCCCGCGACGAACCATTCATTGGCTCAACCACACTGGACGCCATCCCC
GAAACACTCAGCGAATATTGGCGAGCCACCGACACCTTAACAAACCACAAACCCCTCATC
ACCGGCGGAGTCATCTTACCAGCCGACGGCAACACCATTAAGACCTACACCCCGACGGC
GCCCTCCTGTGGAGCTACGAACGCGACAAAGAACTCTGCAGCCTCTCCGTAGGATTGAC
GCCGCCGTCGCCACCTACAAAACCGGAATCGGATGTGGCGACGTCACCGCCATCAACGCC
AACGACGGCCAAATACCAAGCAACACGACGCGCAATCTCCAGCGACACGTAGCACCAGATC
TCCTCGAACGATCGGATCGGTGTTCTCGGGACAGAACGCTTGGAGCTTTGGCGATCCGAT
CTGGTGCGAACCATCGAATACGGCGATGTGGAAGCTCCTCAAGAATCTGGGCAACAACCA
CATCCGGAATGCTCGATTACGTCCGCCATGACACGCAAGATCTATTGGCTATCACCGAG
GATTGCCCTGACGGATCTTCTTACTTGAGGTTTCATGGGCACAACACCAGACGATTCCCGA
ACTCCTGAAATCACCAAGACATAGAAATAACCGATGGCAGGATCGTTGCCATCGGTCAA
TCAGTGGCTGCGGTGTATACAAACGATCCTTCGCCTCGAATCGTCTCCTACAACGATGAT
GGTGAAGTAGTTGGAGAACAGCAGTCGATGAGGTTGAGTTCCCGGATCCGCCGTTTCAA
AGCGCGACCGCTGATCTTCCACACCATATGAGTTGGTTCAACGGAGACAGCCTCGTACTG
TTCTCTCCCACTCAGCTCAATGTACGACAAAGCTTCAATGATGCTTTAGGAACCGGCATT

GCGTTGAACGGAAGTCTCCTCTACCCACCGCTGAGGGCATCACGGTAGCTAATTGGGAC
ACCGGAGAGGTGCAGCGCACCATTCCGGTGGACCGTGCGGGCTACGACGGTGAAGTTGCG
CTCGGCGTTGTAGGCGAGGTGATCGTCGAAAAGCGTGGCTCTGAGATCGTTGCTCTAGGC

>naRXN02464-downstream
TAGATCTCGTTGTTAGCCCAAAG

>naRXN02465-upstream
CTGGTGCAATATAAAAGTTAACCAACCAGTCATCCAATATGTGCGCTAAGTAGTCTTCCC
AAAGTTAACAGCTAGAATCATGGCCGTGACTTCTCCGAAC

>naRXN02465
ATGCCTGCATCAATTCGCTGGGGCGGCATCGTCGCCCTCATTCAATCCACCATCGGATTC
GGTTACGCCTTTTTCTTATTTACAGGGAAGCTACGGGCGAGACGGATCCAAGCATCGTC
TACGAAACCGATAACGCCAACACGTGGGTTGGCTACGGTACCGCTGCATTCTTCATCATT
GTGTTTCGGAACGGTTGTTGCAGGCGCAATCAACATGATGAAGGGGCATCGCTGGGGACGC
GGAGCTGTCTGATGCTGAATATTATTTTGTGCGCGCTGCGTATTACATGTTTATCGAA
GGCCGATTCTCTGGGCGATCGTCACAGGAATCTCAGCTCTCTTCGTTTTGGGCGCACTG
TTTAATAAGCGCGCCGTCTTTGGGCTAACAAACGAGATC

>naRXN02465-downstream
TAGCCTAGAGCAACGATCTCAGA

>naRXN02466-upstream
CGAACCGBAAAGCGTTCCGCTGACGGAAGTGGCGCTGGCGGCAGCTACACCGAAACCGG
TGCTGGCACTTTCCGCCAGGTGGGCGCTGCTCTTCTCTCGC

>naRXN02466
GTGGGCGAGGGGCGAGGAACAACTTTTACGTACGTCATTGAGATTGAGGATGGCGTCAAC
ACGGCCGCTTATGGTGGCGACGATGCG

naRXN02505-upstream
TCGGAAAGCAATCCGGAACATTACAGTTGTAGACAATGTCATCAGTTTACGTTGACCGTCC
CATTAAGCGCACTGGTTCGTTTGCGTATTCCGGGGGTCTTT

>naRXN02505
GTGGCTGGCACTCATGCGTATGTCAATGAACTCTTTCGGAAAATGAGTTCAGCATGTGC
CGAAAGAATGAACCTGGTTTGGTCATTGAGCTGGAGAACATCAGCATCGATCGCATTGTG
ATTTCCACACCAGATGCCCACCGCTATGCGGATGAGCTCATGGCGGCTGTT

>naRXN02505-downstream
TAGAACTCAGTTTCCGTCAATAA

naRXN02510-upstream
CCCGTCGATGAGGCAATCGCTGTGATTTCTTCTGGATTGGTGACCGCATCAATGATCAG
CCGAGCGAGGACTCCATTGCAGCTCGCAGGTAGCCCTGAG

>naRXN02510
ATGGACTCATCTGACAGCCACGTTGGTCAGGATGTATATGTTGATCAAGGTCTAGGGGAG
CCCGACAGACTGGAACGTCTGTGGGCGCCCTACCGGATGAGCTACATCAACACTCGATCT
GGCGGTAAGCAATCAACTACCGCCAAGCGGGACCCCTTCATTGAGGTTCCCAAAATGAGT
GATGAGGACGGCCTGATCGTTGCGCGGGGTGAGCTGGTGTATTGCGTACTCAACTGTAT
CCCTACAACGCTGGACACATGATGGTGATCCCATTCGTAAGGAAAAGAATCTAGAGGAT
TTGAGCTTGGCAGAACTGCGGAGTTGATGCTCTTTACCCAAACGGCCATCAAGGCGCTG
AAGCAGGTGTCAAACCTGATGCTGTCAATGTTGGTTTAAACCTTGGCAAAGCATCGGGT
GGCTCAGTGGGAGATCACCTTCATGTCCATGTGGTGCTAGGTGGTTCGGGTGATGCTAAT
TTCATGACTGTGATTGACGGTGTCAAAGTGCTACCGCAGACCTGCGTCAAACCAGGGCC
ATGCTTGCGCAAGCATGGGGCACCATTGATGGGGCACCAGGCACTGTCGACCCAACGCTG

ACTTCAGCGATCCGTACCGCAGCACCGAAGGAGCAC

>naRXN02510-downstream
TGATGCTGGGACTTCATGGACGT

naRXN02519-upstream
AAACAGAAAATGGTTTCCTCGGGCACCTCGTCCCCTACGCCAATTTCTCGACACTTTGCC
GCGCATCGGCACCGCTGGTTCCAGATCAGCGACCCTCCAC

>naRXN02519
GTGGAAGACGAGCAGAGCCCTTTAGGGGCAACGCTTTTCGACGTCGCGACCGGCGCGAGC
TCCATCAACGACCGCGATACCGACGCCTCAGGGCTTGAGCCTGAAAAGATTTCGCCGATTT
GCATGGCTGCGCCTGATCGGCACCATGGGTGCGTTAATGATCGCGTTTGGTGCGCTGGGC
GCGGGTGCACTTCCGGTGGTGAATAATCCGTATGTGGATTTCCCTGGCGGAACTTCATG
AGCCGAATGCTGCAGACCTCTTCCATGATCGTGCTCATCGGCGTGGGATTTTGGTGCTG
GCGTGGGTGTTAATGGCACCGCTGGTGGGTATTCTTTTAAACGCAGCGGAAACAGAACA
GCCAGCGTGAGTTGTCCATGCTGCGCCGCACATTTGGCGCCTGGGTAGCGCCCATCATG
CTCACCGCCCCACTGTTTACTCAAGACATTTATCTTATCTGGCACAAGGCTCTGTGACC
GCGCAGGGAATGGATGCCTACGCCGGTGGACCGCTTGAACCTATTGGGGCCCGATAATCAT
CTGGCACGGTCCGTGCCCTTTATTTGGGCCAGTCGCCCTCGCCCTACGGCCCTGTTGCG
CTGAGCATCGCGCGTCGATAAGCGTTATTACTAATGACAGCATCGTTGGAGGCGTGCTG
GCGCACCGTATTGCGTCGCTGCTGGGCGTTGTGGCTGCAGGCTGGGCGATCACCATGCTG
GCCAGGCGCTGTCGGGTATCTGAAGAAGCGTCCTTTTACCTGGGCGTACTTAATCCGCTG
CTGATTTGCACTGATCGGCGGTATTCACAACGAATCCATCCTGCTGGGATTTTACTT
GTTGGCCTGGAACTCGGACTGCGTGGCACCGACCGGATTCAAACAGGGCTGTGGGGGCCT
GCGTGGACATATATTGCACTGAGTGGCGTATTGATTTCTTGCGCAGGCCTGGTCAAGGTG
ACCGGCTTTATTGGGCTCGGTTTTGTGGGCATGGCCTTGCCAGGGCGTTTCATGCACGT
GGACATCGACACGTGCTTGCGATCGGCGTTGCAGGCCTCGTTCAAGTAGCAGCCCTGGTG
ATCACCGTGGTTGTTCTCAGTGTGATTACCGGAATCAGTTTGGGGTGGATCACAGGTCAA
GGTGGCGCTGCGACGATCCGAAGCTGGATGTCTATGACCACCAACATTGGCGTTATTTCT
GGATTATCGGAATGAATTTGGGGCTAGGCGACCACACCGCAGCCATGCTCGTTGTGACC
CGTGCAGCCGGAATCGCGGTAGCTGCCGCCCTTCATGGTTGCTATGTTGTTTGCCACATAT
AGAGTTCACATTGCGGTGTTGGGCGGACTGGGCGTGCGGACTTTTCGTCTCGTTATCCTC
TTCCCCGTGGTGATCCGTGGTACATGCTGTGGGCTATCGTGCCGCTAGCTTCCTGGGCA
AATAGACTGTTCTCCAGCTCGGAGTGATTGCCTACTCCACTGCCTTCAGTTTCTTTGTG
CTGCCTCGCGGGCTTGCACTTCCAGTCGGAACGTCTTTTCCATCTACTTCGGCGCAGCG
CTCGGATTGAGCATCTCCTATTAGTTGGATGGTGGAGTTGAGGCGGAATCCAACCTTT
GGTTTACAC

>naRXN02519-downstream
TGATCAACTGTGACTACTGATTT

naRXN02520-upstream
TTTGGCGCTGGTAGGGGGGAAGGGATTGGACACGGGAATGGAATTAGGGAACACTTGTGTT
GTCTAAAGGTGAAAGCTAAATCAAGCAGGAGGTGACACCA

>naRXN02520
GTGGGAGATGTTGTAAGGCAACGACGCGCACACCGGAGACGGTGATACGCGCCGAAAA
ATTCTTCTCATCTGTTGGAACGTGCACCGGTGATCGCTTCAGATATTGCTGAACAGCTT
CAGCTTTCACTTCTGAGTGCGCAGGCACCTAGACAACCTGGTTGAAGAAAATCTGGCG
GAGGCGGCAAATCCGCGCCAGAACCCATATGAGCCCAAAATGCGCGGTAGGCCAGCAAAA
ACTTATCGGCTTACTGATAAAGGTGCTCAATCTTCGGCCACGAATATGATTCCCTTGCT
GCGGCAGCTCTAGCCACTCTTCGAGAGGTGCGGCGAGATGATGCAGTAAGGCAATTTGCT
AGAAAGCGGATCGAAACAATTGTTGAGGGTATTACCCAGCAGATGTCACAGATCAATCA
ATCGAAGATACAGCCAAATCTTTAGTTGAAGCTTTTAGTCGGCATGGTTATGCAGCAACT
GTCGATGCCACTCGAAACGGGTTGCAACTCTGCCAGCATCACTGTCCAATATCTACAGTC
GCCACGGAATTTCCGGAACGTGTGTGAGGCAGAGCATCAAGCAGTCTCAGAACTTTGGGG
CAGCACACGCAACCATTTGGCAACAATCGCGGACGGCCACGGCATCTGCACAACAAATATT
GCATTGACACCCATCAAACACTCC

>naRXN02520-downstream
TGATGAAAGGAGCGGATCATGAC

naRXN02534-upstream

TTACCAGTAATCTATGCAGATTTACTGTCCGTTGGGGATCCGCGCCTATCGGAAAGTTGCC-
TACATTATAAAACTCAGATTCAGGAATACACAGACCATG

>naRXN02534

ATGAATTCACCGAACGCGGACATTATTTTAGTAGTTAACAAGCTGTCCAAGTTTATTGAT
ATCGAAAATATATGCTCGTTGGAGCACGATGTAGAGACATTCACCAGCAAAAATATCGC
GATCAAACAGCGGGTAGAAGAACTAAGGATGTTGACTTCGCTTTAGCTTTAGAAAAGCTGG
GACGACTTCAATCTATTAAAGCAACAATTCTCACCGACTGGTAACGCATGGCAAGGAATC
ACCATTGGAAATATTCAGTAGATCTCGTGCCATTTCGGAATATTGAAAACCCACCCGGT
GAAGTCTTGTCAGAAAAGGTCATCTACTTAATGTGCTGGGTTCAAGGAAGTATTCGAG
CAAGCTGAGCTATATCCCTAAATGATGCGATAGACATTAAGTTGTCTACAGTTCCCGGA
CTTACTGCGCTAAAGCTACATGCATGGCTCGACCGTAAAGAAAATAACATCAAAGATGCA
AGCGATCTAGCATTAATCTTGTGCTGGTACGAAGAGGATGTAGAACTTTATGGAATCGC
TATTTTGCCCTGGAAAATCAAGGATACATAGGTGAACCAGAGGCAATGGCAGCTGAATTA
CTAGGACTTGACACTGGAAGAATACTCGGCCACAAGGAACTCAAGCCCTCCTTGATCGA
TTTAATGAACAGTCTCCTCCTGAGCTAAACCAATTTGCTGAATCACTTGAGCCCCCTCCT
GAACACAGTCACCCATTAGAACGGCGTTCGTATCCAGGTCGAGGCACTGTTAGGTGGACTT
AGAGATTCCCTCGGTTACGATGAA

>naRXN02534-downstream
TAGCTTCCAATCCCGCATTGTTC

naRXN02537-upstream

ACCTCCATCTCAACAATCATCTTTCCGATATGCGCACTGTGACGAGCAGATGCTCAACA
TAGACGTCGATCTTGGCCACACACTGAATAAGTTGCACTG

>naRXN02537

ATGCTCGCCCTCAAAAGTTCAGAATTAGAAGGCATAGCCACATCACTCACCGCCGTGGCG
GGTGCCTCCACGAATCAAACACTGACCGGTTGCAGTCTTGGCAGCAGCTCGAAACGATG
ACCTCTGCCAGCTCCCTTATCCAGGGCTTTATCAAGCTTGTGATTACAACCGACCCACA
GTGAATATCGTGGAACAAATGCACAAAACCGCATCCACGCTTTTCAACACCGCTGATTTT
CTACGCACTTTGGAAGGCTATGTTGATGTACTGGAAGAAACAAGCCGATAAATCTATAACG
CTCACCGTCATGCTTCGATATATTGCCAGCTTGAGTAGCCTTTTAGACCTCATGTGTGCA
CGCGAGATCAACGCGTTGTGCACAGCGATTACTCCAGAACCATTGAAGCATCTGGGCGAT
TTTGGCACTCTACCGCTCAGCAATCCACGAGTTTCATTTGG

>naRXN02537-downstream
TGAATGCCCCACCAGAAATCCGT

>naRXN02538-upstream

GCGAGATCAACGCGTTGTGCACAGCGATTACTCCAGAACCATTGAAGCATCTGGGCGATT
TTGGCACTCTACCGCTCAGCAATCCACGAGTTTCATTTG

>naRXN02538

GTGAATGCCCCACCAGAAATCCGTGCCTTAGCCGAAGCCCATCCCGATATGCAGATCCTA
GAAGCCGGCGATGGTTTATTGGTAGCATCGTTTGGGGATATTGATAGGGCTACGACCGTG
ACCACCATCGTGCGAGGTGTGGGTTCTCCAACCCAGAAGGGTGAATACATATGTTGAC
CGTGCCCGCACAGTATCTGCTTCCACCGGTTCCGCAACGGTGTGTGGCTGGGATATCAA
GCACCCGCTTCGATTCTGCTGCGGTATCCGGCGCGGACGCAATCGCGCTGCCGCGGAT
CTCCAGAGGTTTCAAGCGGCACTACAGTCCCGCAATCCCCACCAAGAAAAGTAGTGATG
GGCTACAGCTACGGTTCCACAGTGGTGGGAAAAGCTGCGTCTTCCGGCGAGCTCAGTGCC
GATGCGTTGGTATTGGTTGGCAGTCCCGGCGGGGTGTCTCGCACTCTTCCAGCTTGGC
GCACCTGTGTATGCGGTAACAGGGTCTGCTGATCCCATCGGTTTTGCCGGCACCCAATAT

GACGGCATCCACGGCACTGATCCCACCGCTGCCCTATTCGGTGCAACAGTGTGGGATTTCG
CCCTCAACGCATTCCGGTTATTGGAATGACCAGGAGTTCCTGGGCAATGTGGCGGAGGTG
GTTTCGCGGCAAA

>naRXN02538-downstream
TAGAAAAGCCGCCGCACTGGA

naRXN02555-upstream
GTTTTATCGCTATTTAATACAGGCCTACCCCCACTACCCCCATTTCAGTTCAGGGAATCCC
CGGATTTAAACAATTAAAAACCTCTAGAATGAGACATT

>naRXN02555
ATGGGCGAACAATTTCCAGGCGATAAAAAACATCCGAGTCAGCGACACCGAAAGATCAGCA
GCACTAGCAGCACTCGGCCAGTTCTACGCAGAAGGTCGCCTCTCCCTAGAAGAAACCGAC
GACCGCTGCGAAGCCGTCGCCGACGCCAAAACCCGCGCGACCTCAACGCCATCTTCTAC
GATTTGCCCAACCAACAAATCGCAGTCGTCGACCGCTCCGAACAAACCTACACAGCCACC
GAAGTTGCCGAACCTCCACCGCAAAGGCGCACGCCACGCGCCGGAATCCTCGGACTCACC
ACAGTTTTAGCCATCACCGGTACCGCTGCTTTCGCCAGCACCACAGCTTTTGAACAGTA
CTTTTAGCCCTGATTCGGATCGTGTTTCATCATGCTGTACGTGATGAAAATTGGTCCTGAA
TCCTGGCAGCACCAACACCTCGCCAACCTCAGCGAAAGCGCATGATCGAACTGCGTGAA
AAGGAAAAACTCCGCGACATGGAGCTCAAAGCCAGCGCAAGGAACGCACCCACGCATTA
ACCAACCGCGCTTGGATGCTGCTGAACTGCTTTCAACACCAAGCCCTGGAAGAAGAAC
AAA

>naRXN02555-downstream
TAGGGCTTTTGAAGTGTGTGCGG

>naRXN02564-upstream
ACACCACAGTGAAAGCGGTGACGTGAATCACCAAGCACTTAGGCATCAAACATTCAAGAG
CTTGTTGTCCAAAAGTCCGACCGAGAGGGATTCCCCCAA

>naRXN02564
ATGGCCGAAGTAGGAGCAGAACC CGCAGGGTCTGCACAATCCAAACTAAACAATTTGTT
GTAGGTACCGCAGCGGTGGTCATCACTGCAATCGCTGCGTTTTTCTCCATCCAGTCTGCA
TCCGGTGGCGAGGATATTGTTCCAACATGACGCTGATTGCTCCTGCAGCTGCAGGTGGA
GGTTGGGATACTTTCCAACGTGAGCAGCAGCAGTCTATGCGCGTGAATAAGATCGTGAAC
AATATTCAGGTGGTCAACATCCCTGGAGCTGGTGGAACCATTCGACTTGGCAAACCTGTCT
ACCATGACTGCACCGAACACCTTGATGGTGGGTGGAACGGGGCATATCGCAGCACAAATT
CAATTCGATACCCCTGCGAAAATCCAGGATGTCACCCCAATTGCTCGTGTGGTGGAAGAG
TTCGACATCATACCGTGCCAGCGGATTCTCCATACAACACCCTTGAAGAGCTCATTGAA
GGTTGGAAGGCAGATCCAGCAGGAGTGTCTGGACCGGTGGTGGTTCTTTGACCAGCTT
GTTATGACAGAAAATGCACTGTCTGCAGGTATAGATCCTAAGCAAACCACCTTTATTCTCT
TCTGATGGTGGTGGCGAAGCGATTTCAGGCGCTACTGAACGGAACCGCAAAGGCATCAACT
GGTGGTTTTGCTGATATGTATCCGCAGGTAGAAGCCGGTCGATTGAAGGTTTTGGGAATT
GCTGCAGAAGAAGCGCTTCCAGGTTCTGACATTCCAACGCTAGTGAACAAGGCTATGAC
GTGACCTTGACCAACTGGCGTGCCATGTTGCTCCTCCTGGTTTTGAGCGATGATCAAATT
GCGGAACCTTCGAGCAATCGTTGCGGAGTCTGTGAGACTGCTGAATGGCAGTCCGCGGTG
GAACGAACTACTGGATGAACGCCTCACTTGAAGGCGAAGAACTCGACCAGTTTGTGTA
GATGAAATTGACCGAATTGATCAGCTATTCAAGGAGATGGGC

>naRXN02564-downstream
TAGTGAACGTCACTGAACAATCC

naRXN02568-upstream
CCAGCTACGATATGGAATTTACCAAATGCGAACTACCTAAATACCAAAGACAGACAGT
GACAGCCCCCTTCGAGAATGCAGCAAGAGACGACACCTCCT

>naRXN02568
ATGGACGGCACCTCGCCACAGAACAAAATTTCCACCACTCCCCAGCGCCAGGAAATGCT

ATTCTGCACCTGGAGGCGCCATTCTACACCAGCGAAAACCTGAGCAGGACGCAGTACCT
 CCAACTGTGGCGGCGAAACTACCCGTACCTGGAAGTTCTATTCCAGCACCCGGTAGAGCA
 TTGCCAACTCCAGTGGCTCCGGGAGGTTCCGTCCCAGCTCCGAGAGCGTCCGCACCTGCG
 GTTCTTAACGTTCTGTCAGCTCCCGGCGCTGCTGTTCCAGCTCCGGGAATCTCGATCCCG
 GCAGCACCTAGTGCCCCAGGCAGTGCAATTCCAACACCAGGCACAGCAATCCCTGTGCCT
 GGAAGTGCAACTCCTGTCCCAGCACCTGGGGTTAGTGCACCTGGCGCAAGCGTTCCAAGC
 ATTCCAGTACCAGGATCTGTCACCCCACCTGCACCAGGAATTTCCGCACCTGGCGGTGCA
 CTTCCGACTCCTGGCAGTGCGCCCCCAACACCTGGCGGTGCCCTCCGACTCCAGGTGAG
 GCACTTCCCGTTCCCGGAGCACCTGGTGCACCCGGAGCATCCGGAATCCCAAGTCTGGC
 CTTCCAACCCAGGTGTCCCAACTCCCGGAGCTTCCTTACCAGTCCCAGGAGCACCAGAC
 GCACCTGGAACCCCAAGCATTCCCGCAGCTCCCGGCATTCAAGCACCAGGAATCCAGCA
 GCACCAGGAGCCCTGCCCAAGCTGCTGCTCACGCAAAGCCAGTATTCCAAGATGCAGAG
 AAACGACCTCGCACAGATGAAGCTGGAAATGCGAAGAAGGAACCTGCCGTGAGAGTTCGG
 TTGGCGCAGCCAATTACACGTAAGCAGTGGGCAATGACTCTTGGTGTCTGGTTCTCGGA
 GCAATTGTCTGGCTGCAATCGCGGTGGTCCCTGCCAAATGGGCGTTTACCACGGAGTGG
 TTGACAGGACTTCGTCGAGAAGTATCCGGGTAAATATGACAACCCCGAAGGTGCGCCAGTA
 GGAATTCCAACGTGGCTGAGTTGGCAGCACTTCTTCAACATGTTCTTCATGGTGTGATT
 ATCAAGACGGGCATTGAGATCAATAGAACCCGCAGGCCAAAGGGTTATTGGACGCCGAAA
 AAGGGTGGCAAGAAGATCTCCTTGACGTTGTGGATCCACCTGGTTTTGGATTGTGTGG
 ATCATCAACGGTGCAGTGTTCATCATTTTGTGTTCGCGACGGGTGAGTGGATGCGCATT
 GTTCCAACAGTTGGGATGTGTTCCCGAACGCGCTGAGTGTGGTTTGCAGTATGTGTCG
 TTGGATTGGCCGACTGAGAATGGTTGGGCGAATTACAACAGTTTGCAGGAGCTGACGTAC
 TTCTTCACTGTCTTTATTGCGGCACCGTTGTCGATTGTGTCTGGTTTCCGGATGTGCGAGT
 TACTGGCCTAAGAACAATGCGACGATGAATAAGTTGATCCCCATCGGGTTTGTCTGTCG
 CTGCACATGCCAGTGTGGTGTATTACATCGTGTTCATTGTATCCAGTGTCTTGGTG
 TTGGCGACCGGCGGTGCGCAATTTCAACCATATGTATGCAGGTCAAGACGTTGTGAAC
 TGGGTTGGTTTTGGTTGGTTTCGTGGCGTCGTTG

naRXN02593-upstream

GCGTTCACTTCCGCCACCTTGAGGATGAGTGGTATCACGCCAGCACAAACAAAAGGATCTT
 CATAGGGTTATTACAGTCTAGCTGCTTTTAAACAAGCCATA

>naRXN02593

ATGGAAGCCATGGCCACAACGATCACCGTTTTCTCTCCCAACCACTCCCCCGCACAAATC
 CGCGAAACCATCTCAGCGCCGCGAAAGAAGACGACGTGGACTTCCTCGGAGTCCCCCTTT
 ACCCACCCAGAAACGTCACCATCGAAGTCGACGACGAACCTGATCAACGACTGCTTAGGC
 TGGCTCGACGACGTGGCACTCGCCTCCGGCCTGGGCATCCAATACAACGACGAAGTGCTC
 CGCTACGGCGACGAAGACATTTCTTTTACCGTCCAAACCAAAATGACGATGACGCCCGC
 ATCGGCGCCTCCCGCCTTGGACTCGAGCACCAAGTTGAACGTCATTGCCGGGGGCTCTGGA
 GATTCCGGGGATTCCGGGGATTATTTGAAGATTGCACACTTCGACCTAGACAACCCCGCC
 GACGAGTCTCTACATCTTCGCGCGCAGCCTCGCAGAAGTAGACGGCTGGACCCTAGAA
 TTCCGGCTCGCAGGAGTAAAAAACACCACCATTTGTTTCTCCATCGACGATGCCATCACC
 ACCATTTTGCATGGATGAACGGCGAAGACATCCGCGACCTCAACTGGACCCGCGCA

>naRXN02593-downstream

TAAATGGCCTCATTTCCGGAGCT

naRXN02606-upstream

AGGGCGCGGATCACTTCGGATCTGTGGATAACTTTTAAGGCCCTTGTTTTCCCTTGAAG
 CTTCCGTTGTGTGAAAAACAGAAAAGGAGGGGAAAAACAAA

>naRXN02606

ATGCAAGAAATCCACACCATCATGAAACACATGGACGCGCTCATCGCCGACCCGTCCGCC
 GCCGATTCAAAGCAACACTCCCCTTCGCCGAACCTCGAAAAGCTCCACAACAAAAAA
 GCGCTTTTCGACGCCGCCCTCGCCAAATCCGCCGAGCGCGCCGATGCCGGACGCATCATC
 GGAAAAACCTCCACATCGATGCCCTCGCGTACCTTCTCGACATCTCCAAATCCGAAGCA
 TTCCGACGCACAAAACGCGCCGAAGAACACTACGGCAACCCAAGCCCGGAACCCAGTTCA
 GAAGAACTCGCGAAAGAAACCCCGAAGAGAAGCTAGCCAGAGAAGAAAAAGAGAAACAA
 GACCTAGCCGAACAAGCAGAAGCCAACCGCATCGCCCGGAACACGGCATCTCCGCCGAA

AAACAAGACACCATCCGCTACGAACTAGAAAACTCAACGACAACACATCCCTATCCCGA
 GCCTCACTCCGCAAACTAGCAATGCAGGAAGCCACCAGCCGAACCCCGAAGACCTACGC
 AACTGGACCCGCAACAAAGTTATCCGCATAAACCCCAACGCCAAAGACCCACTCGCCGCA
 GTAAAGAAACGCTCCTTAAGCATCGGACGCCAAGACCACGACGGCGGAGCCAAAGCATCC
 CTCTATTTAGATGCCAAAGGTCTAGCCCTGCTCAAATCACTGATGTCTAAAGCCAAGCCG
 GGGCATTGCTTGAAGACTCTTTGGCGGAGGATAAACGTACGAAACCGCAACGCCAATAC
 GATGCCCTTCGCGACATCCTCCACCGCGCACACAGCGATCTCCTCCCGCACGATCCGGA
 GTGGGCACCATCCTCGTCTCCCTCTCCGCCAAAGACGTAACAAACCTCAAAGCATCGGGC
 CCGGACCACCGCTACCCACCAGCACCGGCATAAACTCACACCGCTTGAGATCCTGCGA
 CTCGGTGCAGCCAAATATGACTTCGTGACCGTCTCGACTCCGAATCCGGCCGTCCGCTG
 CACCTGGCAGCAGCTCAACGCACCGCCAGCCTGTATCAACGCCTAGCCCTCTTCGCCTCC
 GAACTCGTCTGACCCCGCAAGGCTGCGACTCCCCCTTCGAAGACAACGAAATACACCAC
 ATCAGATCCTGCTAGACGGCGGGCCCCACAGACATAGAAAACATCACCAACATCTGCCCC
 CACGACCACGGAAACAACAACGACCAACGCGACGGCAAAGACAACATGGGGCACATGAAC
 ATAGATCCCACAACCGGGCGCGTTCGGATATCAACCCGCCGACCGCCGAAAACCCATGCGG
 TTTAACAACACCGCAGCCGCAGCAGAATCAGGAGGAGCACAGGCCAGGACC

>naRXN02606-downstream
 TAAGTTTTTAGCGCGCCAAAAAG

naRXN02610-upstream
 CCAGCTCATCGTGAGGGACGCACCAGCGTGAAGGAAGATCAAGCAGCGGAAATTTCTAC
 GCTGCTGAAGGAATCTGCGGATCGGACGTATTGTTAACCG

>naRXN02610
 ATGAGGAAAACCATCACCGTTATTGCTGTATTGATCGTCCTCGCCTTAATCGGCGTGGGC
 ATCGTGAGTATGTGAACACATCCGATGACTCAGATTTTATTGGCCAGCCTGGCGAGCCA
 ACCGGTACCGAAACACGGAACCACCGGTTCAACCTGATTGGTGGCCTGCGGTAGAAGTC
 ATTGCCGCGCCGGGTACGTGGGAGTCGGCTGCTAATGATGATCCGATCAACCCGACCGCT
 AATCCGCTGTTCATTCATGTTGAGCATCACTCAGCCACTGCAGGAGCGTTATTCTGCGGAT
 GACGTCAAGGTGTGGACGCTGCCGTACACTGCGCAGTTCGCGAACATCAACTCGCAAAAT
 GAGATGTCTTATGATGATTCGCGCAATGAAGGCACCGCGAAGATGAATGAGGAACTGATC
 AACACTCACAATGAGTGCCCTGCCACGGAGTTCATCATCGTTGGTTTCTCCAGGGTGCG
 GTCATTGCGGGCGATGTGGCTGCTCAGATCGGTTTCAGAGCAAGGTGTTATTCCAGCTGAC
 AGCGTCAGGGGTGTCGCCCTGATCGCTGACGGTTCGCCGGGAGCCTGGTGTGGGCCAGTTC
 CCAGGCACGTTTGTGGATGGCATCGGCGCGGAGGTTACTCTGCAGCCTTTGAACTTGCTG
 GTGCAGCCGATTGTTCCGGGCGCAACCATGCGTGCGGGCGCGCGGGCGGTTTCGGTGTG
 CTAACGACCGGGTGAGGATATTTGTGCTCCAATGATGCGATCTGTGATGCTCCGGTG
 AATGTGGCAACGCCCTTGATCGTGCGTTGGCCATGGTCTCCGCCAACGGTGTGCACGCG
 CTCTACGCCACCAATCCGGATGTTTTCCAGGCACAACCACCAATGCGTGGGTGTGGAT
 TGGGCGACCAACCTCATCGACAACGGA

>naRXN02610-downstream
 TAAAGCTTTTTTCGCTTTTCGACG

naRXN02624-upstream
 ACCCGGTCAGATCCGACGTCGCCGGCCAAAACCGCAAGCACCTGCGCAAACGCCACAGAA
 GGCAGCTCAGCAATCAAAGTTGCTGCGTTTCCTTCCAACC

>naRXN02624
 GTGCTGATTCCGCATGGCGTGCGGTGCTTTTGGTTATTATTCTCGCCGTAGCCTCCCTA
 ATGTTACCAATTCTTCAATGGTGAATCTTTCGGCAACGATTGCACAGCTGTGGCTTTCC
 CTAAATCTCGGTGCGGTGGACGGCAGTGGGGAAGTATCTCAGTACTGCCCACGCTTCCC
 GGCTTTATATTCTCTGGGCCATCGCCGCGCGCATCCACCGCGCAGTCAAAGATCGTGTC
 AGCATCGCCGACTTAGCGTCTCGCAGCACTCGTCTCGGCATCCCGCTTGCGCTCACC
 GCCATCGCAGCGTTCATGCTTTTCGACGCCTCCAGCGTCTCAACGTCGAGGTCCCGCCA
 ATCACGCGCCTCTACGCGTGATGTTGTTCCACCTCAGCGCCCTCTTCTCGGCATGGGG
 CCACGCCTGTGGCAGGCGTTGGCGCGCCGCTACGGTGCTCCAGAATGGCTTATCGACGCC
 ATCACCAAGCTTTCCGCTTCTCATCGCATTGGAACAGTCTCCTTGGTTTCCGTGCTC

GTGATGACCGCGATCAACCACAGTGCATTACCGCGACCATGCAGGGTTACGACGACTCC
 GCCTCTGTTGTGGCCTTGATCGTCTGAGCATTCTGTATCTGCCAACATGATGATCTTT
 GCGATGGGCAATCTGATCGGCTCACCCCTTACTTCGGTGACGCCTCCATCAGCGTCTTC
 AGCGTGCAATTCGGTTCCATTGCCACCGCTTCCCATCCTCGCAGCTCTCCCCAGCGAAGCC
 CTCTCATGGGCAGTGGCCTTACTGGTCAATCCCTGCAATTATTGCCACCTGGGTCTGCGTG
 AGAAACCCCATGCGCCTTGCCGTGAACACAACAGCAGCAGTCATTTAGCACTGTGTTTC
 CTCGTCTGGCAGTTTTTCGCCGGCGGAACCTTGGGCGTATACAACCTACGTCGGACTCAAC
 CTCCTGGCGTCAGTTGGCCTAGTTTTTCGTCTATTTTCGCCCTCGTTGGACTCCTCATCGCC
 GGAATCGACAAGCTGCGCAACCCTGTAGAAGTTAAGTCTGTTAAGGCTGTGGCTGTTGTG
 GAGCCCAGCCTGAAGAAGTTGAAGAGGACGAAGAGGAGCATGTTGAAGAAGAAGTAGAT
 GAGGAGGAAGAGGAAGTTGAGGAAGGGGTAGAAGAGGTGGAAGAAGACGACGCAGAGGAT
 CCTGAAGAGAACTCTGAAGAGGAAGAATCCGACGAAGAAATTGAGACAGAACTGAGGCT
 GAAGAAACCAATGATGGTTCCGAGGCCGAAGACCGT

>naRXN02624-downstream
 TAACATATCTGTTGTGAATTCTG

naRXN02626-upstream
 GTAGCGTTCGAATTATTTGCCTGTGGGCATAATTTTGAGACAAAATAATAGAAACGTCTC
 AGATGTTGGGAAGTCTTTCACGCTATCAGTTAGGGAGCAC

>naRXN02626
 ATGAGTACTCAAGTTGAACTCAAAACACCGAAATCGGAAGACCGGGCAGCATATATCGCT
 GCATTGGGATTCCCGGTCTTGGTCAATCATTGGCGGCATCATCGGATTCACAGCCTCGGAT
 GTTGTGCTCAATATTTCTTCGTGGGTCAATCCTTTGCTGGGCATCATGTTCTCCATG
 GGCTGACCTGAAGCCAGTTGACTTCGCCCTTGTGCTAAACGCCCACTCCCAGTTCTT
 ATCGGCGTGATCGCCAGTTTGTCTCATGCCCCGTGATCGCATTGCTGGTGGTCTGGGTT
 TTGCAGCTGCCTGCGGAAATTGCGGCCGGTGTCATCTTGGTTGGTTGTGCACCTGGCGGA
 ACTTCTCCACGTGGTGTCTTACCTGTCCCGTGGTGATGTTGCGCTGTCTGTACCATG
 ACTTCCATCTCCAGCTGCTTGTCTCCAATTTTCACTCCACTGCTTACCCTGTGGCTGGCG
 GGGCAATACATGCCACTTAATGCCGCTGATATGGCTGTATCCATCGTCCAAGTTGTGCTG
 ATCCCAGTCGTGGGCGGACTTGTGTGCGGTTGATCTTCCCGACACTCATTGGCAAGGTT
 TTGCCTCTTTTGCATGGATTTAGTCATTGCGATTTTATTGATCGTTGCCATCGTGGTC
 GCTGGTTCAAGGGATAAAATCCTCGAAGCAGGACTGCTCGTGCTGGCTGCCGTGATTATT
 CACAACACCCTCGGCTACTCCCTGGGATACCTCGCTGCGAAATTCAGTGGCAGCCTGCT
 GCAGCTCGACGCACTACCGCGATTGAGGTCGGTATGCAAACTCCGGCCTCGCAGATGGA
 CTCGCATCCCAGTACATGTACCAATGTCTGCTCTGCCAGGCGCTATCTTCTGTCTGG
 CACAACCTTTCCGGAGCACTTCTTGTGCTGATTGTGCAGGGCGTCCGATAAGAGGGCTGCG
 GAGAAGGTGGCTTCAGAAAAGGCTGCCTCGGAGAAGGCCGCTTCC

>naRXN02626-downstream
 TAAAAGGCTTCGCTCCTAAACT

naRXN02656-upstream
 GCCATGTGGGACAGTCTAGCCATCTCCTTACACCCGTGAAACTCCTATTTTCAATTAACGCA
 TTGATCTCGGCTTTTCTAACCTAGGTATAAGGTAACAGCT

>naRXN02656
 ATGATTTTCGGCGTACTCGCATACTGGGATGGGGCATGTTCCCGGCCTTTTCCCACTA
 CTTCTTCCGGCAGGACCGTTTCGAAATTTTAGCGCATCGGATCCTATGGACTGCTGTATTA
 ATGATGATTATCATTAGTTTCACGTCGGGATGGAAAGAGCTTAAGTCCGCTGATCGCGGT
 ACATGGTTACGCATTATATTGTCATCGTTGTTTATTGCCGGGAAGTGGCTGATCTATGTC
 ATCGCTGTCAATTCTGGGCAAGTTACTGAAGCCGCTCTCGGATACTTTATTAACCCCTG
 TTAAGTGTCTGCTTGGCATTGTGTTCTTCAAAGAACAGTTACGAAAACCTGCAAATAGT
 GCGGTGGTTATTGCTGCTGCGGGGTTTGGTACTAACATTTCTAGGTGATAAGCCACCG
 TATTTAGCGATAACACTAGCATTTACATTCGGCATCTATGGAGCGTTGAAAAACAAGTC
 AAGATGTCTGCTGTAGTTCTTTGTGCGCTGAAACTTTAGTACTGCTGCCATCGCAGTC
 ATATACCTGATTGGGCTCGAAGCTTCCGGTCACAGTACCTTTTTCAACAATGGCAGTGGG
 CACATGGCGTTATTAATCTGCTCGGGTTTGGTCACAGCCGTCCCGCTGTTGATGTTTGA
 TTGGCCGCCAAGGCAATACCTCTTCCACTGTCGGCATGCTGCAATATCTGACCCCAACG

ATGCAGATGCTGTGGGCATTGTTTGTGGTCAACGAATCAGTAGAACCAATGCGTTGGTTC
GGATTGTTTTTCATTGGATCGCAGTTACTATTTACATCACAGATAGCCTACTTAAGAAG

>naRXN02656-downstream
TAGGTAATAGCAGTATTGATATG

naRXN02673-upstream
ACGCCCCAAACGCTAATCCGCTGAACAGGCCGATGAAAGTAATAGAGTGTTCTGTGTGGG
AACGCCGAGACATAATGAAGTCATTTACAAGCGCCGCCGC

>naRXN02673
ATGGCAGCGCTCCTAGTTCTGCTCGTCGTGATTGCCTTGATTATCTGGGCAGTCGTGCGG
CTTCGAGGTGGATCATCGGAGCCTGAGGAAGAGCAGCCAAATAATGCTGTAGTGACCTCC
TCAATGGAATCTTCCGCGACGTCTAGTTCTTCTTCTAAAGAATCCACGACTGAAGCCACC
ACAGAAGAAGAGACTTCCAGTGCTGAACCAACCGCAACATCCTCCGTTGCAGCAGATGCA
AAAAAGACCTGTGAGCTTAGTGACTTGGTGATTTCGCAAGCACTAATCAGCCGACTTTC
TCAGGTTCTGCGCAGCCAGAATTATTTATGGCTGTGCATAATCCGACTGCTGTTGATTGC
GAAATTGACCTCGAGGAGAACAACCTCCGTTTCGAGGTATACAATCTCGCGACCAACGCA
CGAATCTGGTCTGATGTCGACTGCAACCCTGCAGTTGAAGACGGCAGAGCGTGTCCCT
GCCGGCGAGGATCGTACTTCCAGGCAACATGGTCTCGTACCCTTCAGCGCCAAACCAG
TGCAACAACCGCACTGATGTCCCCGCCGGTGGCTACTACTTGCACACTGTGGTCGGTAAT
AACCTTTCACCAGCGGTGACCTTTAACCTAAT

>naRXN02673-downstream
TAAACGGCCAAGTCCGTCGGTGA

naRXN02680-upstream
AATACCAGGTCAACACACAGGAACCGTTTCAGAAACCTTCCAGATTGCTCACTTTTTAA
TTTCACTTTTTTGAGAAGTTTTACTTTTTATATTAGTTCTC

>naRXN02680
ATGGCCTCAACAAACGACTCCCAGCGGCACTCTCCGGACTGCTGCTCTCTGCTGCCCTT
CTTGCCGGATGCTCCACTTCTGGAACCGCCGAGACCAGACAACAACCGTTTCATCTGCT
GCGGCATCAACAACCACTTCCACCTCCTCTGCTTCGTTCTCTCTCTCTCTCTCTCTCT
TCCTCTCTCTCTGCTCAAGCACCAACCGCCGAAACCATCTCCAACACCGCGGAAGCTGCC
CAAGCTTTCTTGTCACCTGTCCACCGAAGAACAAGACGCGTACTCTACGACTACGAC
GCCGAAGAAAAGTCCACCGGCTGGTCTAACTTCCCAGTCACCTTCGTGCAGCGTTCCGGC
GTGAACCTCACCGACCTCACTGAGGAACAGCAAGCAGCTGCCCTCAACGTGCTGAAGAAC
CTGCTCAACGACGACGCTACCAATGATCGAAGACATCATGGCTAGCGATCAGTACCTC
AACGACGAAAGCAACACCACCGAGGATTCCCTCGGCCAGTACTACATCGCATTTCTCGGC
GATCCAAGCAGCGACTCCGACTGGTCCATCCAATTCGGCGGACACCACATCGGCATCAAC
ACCACCTTCTCCGACGGTGCCATCACCTTCGCCCCAACCCACCTTGGCACCCAGCCTTCC
GAGTGGACCAACGAGGACGGCGAAACCGTTGCAGCACTAAGCAACATGTACGAAACCGCC
TTCGCCTTCTACGACAGCCTCGCCGAAGAGCAGCAAGCACAGCTCTACCAGGGTGAAGAG
TTGGATTCCATGGTGTGCGCACCGGGCAGCACGTGCGACTACCCAACCGGCACCGGCTTG
AAAGGCTCTGACCTCACCGATGAGCAAAAAGAATTGCTCATCGATGTCATCGAAACTGG
GTTGGCCTCGCCGATGAGGAAACCACCGAAACTGAACTCGATGCCATCCGCGAAACCTG
GATGACACCTACATCACTGGTCCGGCGCCACCGAGTACGACACCTCCACCGGCGACGGC
ATCTACTTCCAGATCAGTGGCCCCAAGGTCTACATTGAGTTTCGCTAACCAGCAAGGTCT
GCAGGTGCCGACATCGACGGTGTCTACCCGCTGGATGGGGCCACATTACACCATCTAC
CGCGACCCAACCAATGACTACGCTAACTCCGTAACCTCAGGAAGCAGCCAGCGGAATGATG
GGCGCGGCCCTGGTGGTAATGGTGCGAGATGCCTAGCGGTGACATGCCTACTGGTGAG
ATGCCTTCTGGCGCTCCATCAAC

>naRXN02680-downstream
TAACGCCATTTAAGAGGCCGAAC

naRXN02693-upstream

CAGACCAAGTGTATTTTTGTTGAAAAATCACATTGTAAATCGAGCAAAACCAACCTAT
GCCCTGCAGAAATTGTGCATGCTCTGCCAAGATGACTCAAT

>naRXN02693

ATGGTTTCGCTCCCCAGACTAGCGTCTCTGCTCACCCTCGCCTGGCAACGCTTAAACCC
GCACTAAAACCTGCCACCCACCTCGCCTCCCTCGGCGCGCAGGTCATTGCAGAGCTAGTT
CCGGGGATCCGAATGTGCGCAACCCGAGGCGAATCCTCCCTGCAAAATATGGGCGCTGGC
TTTATCGGAGCGGAAATCGCAATGTGGTGGGCTCTCTCGCCGTCATTGTTGCCGAAACCG
TGGTGGGTACGGCTGCTAACCTGGCTGTTTTACAAGCGGTGGGGCATGCGGCAGCGACG
GGAATCCACTCGATCCTCCCCAGAACCAACCGGCGGGTATCCAGGAAAATTTACAACGCC
ACCCACATCGCAACTGGTGCCATCACGTTGACACCACGGTTGTGGGATTGATCAGGCAT
CGCACCCAAATCCGGCTGATTGGGCAGAAGAAATTTGGACCGAAGGAGACGATCGCGGGC
ATTAGTGTGCGCACCTTGGGGTACGGCGCGCTGCTGATCACCGGCGAATTAACCCAGCAC
AGTATTAATGAGGTCAAGCTCCTAATTGAGAGGTTTTTACCGCGTGGATAAGTTTCATC
GCAGCGGTTTCGGTCATTACATTGACCACTTTGACCTTGGCCGATCGCGTTTGTGTCGG
CGCATCTTGCAATAATTCTGCAATTCAAGCAGCGCACCTTAATCGCATGGTGTTCACAGGA
ACTAGCAGCCGTGGGAGCCGAGCGTTTCGGGTAGCCCGTGGTCGTATGAAAAATGGGGT
GCGGTGGGTTCGACAGGGCCGTGCACTGTTGTCGGGAGGCCACGCAAAGATGACATCATC
ACGGTAACCAAGCTTTCTGACACGGAACACATGAACCGATTCTGATTTTTATCGGTATG
GTTCCGGGACGATCCTTAAGCGATCAGGTGGATCTTGTCATTGAAATGCGCCGCACG
GGAGCCCTGCGCCGCGACACATCGTGATCAACAATTCACGGGCACCGGCTGGATCACC
GATTGGTCCGCCCACACCTTTGAGTTCCTCACCGGCGGAAACTGCGTGACAATTTCCATG
CAATATCTTATCTTCCAGTGCACTGAGCTGGTACAAGGACAACGACGGCCCCATTAAT
GCGGCGAGAATGCTTATCGACGCCGTCTCCACGAGCTAGACCAGCTTCCACCGGGAGT
CGCCCAAAGCTGTTCTCGCGGAGAGTCACTGGGGCGTATGGGTTGGCTGAGGTGTGG
GGAGACGTGAAAAGCTTCTTGAACCGCTGACGGCGTGCTGCTCAGTGGGGCGCCGCGT
TTTTCGGACGCCATGAATGCGTTGCGCACCCGCGCGATGCGAGCAGCTCCGAGCGGCTG
CCCGTGATTGATAGCGGGCGGCACATCCGTTTTGCGGGCGAGCCTGAGCACCTTGATATG
CCGGCTACCTGGCAGTTTCCGCGCATGATCGTGGCGCAGCACGCCTCTGATCCAATTGTG
TGGTGAACGCGAGCTGTTTATTCGGCGGCCGAATGGTTGAAAACCTCCAAGCAAGAC
CACCAGATGTCTTTCCCGCTTGCGATGGATGCCGTTTGTAAACCGGCTGCGAGGTGGCT
TTGGATTGTTCACTTCAACCTCCGTTCCCGGCGGGCACGGGCACAATTATCACGAGGAG
TTTATTGATTATTGGGCAGCTCTTTTGACCGCGAAGTCACCCCCGAGCTGCGCCACAGC
ATTGCTTATTGGATCCGCGCGAACCACATCAAACGC

>naRXN02693-downstream
TAGAGTGATTCCATGACGCATGC

naRXN02696-upstream

CTTGGAACCGACCGCTAGCGTAGAAAATCAAGTTAAGGGTGTGACGAGCACCCCAGCTG
CACATGAAATTTAAGACATTCCAGGTGAAGGGAACTGCC

>naRXN02696

ATGTCCATGCTCAAGAAGACTAAAGAATTCTTCGGACTCGCTCCATACGAAGCGGAGCAC
GAGGATGCTTACTATGCAGATGAACCACGTTACGAGGGCACCGCTGCGTACGCACCTGAA
TACCGTGAGCGTGACTACGGCTATGCACCAGAGGCACACGCCCTGTTGCTCCATCGCCA
GCACCTCGCTCTTACCAGTCCACCATCGTTCCAGTAGAGCTTCATTCCCTTGAAGACGCT
CAGGTTATTGGTGGAGCATTTTCGCGACGGCGACGAGTTGTTTTCGACATGAGCTTGCTT
TCCCGTGAGGAAGCACGCCGATTGTGGACTTCGCTGCAGGCCTGTGCTTCGCATTGCGT
GGCAAGATGCAGAAGATTGACAGCGTCACCTTCGCTGTCGTTCCAGAGCTGTCCAACATC
AGCACTTCCGAGCTCGAGCGCGCCGCACGCATCCGC

>naRXN02696-downstream
TAAACACACCCCTCGTGGTGTGGA

naRXN02697-upstream

TTTGGCTCACCTCGATGATGTAGACATCCCCGATGAGGTGCGCGCACAGTTGCGGGCACT
GGCTATCCGCTCAACCGAACGTCGGATGTAGTAGACGCGT

>naRXN02697

ATGACACTTTTTCACGTTTAAACCAACCCTGTAGTGCTCGGCGGCCCTAGCAGGTGTTTTG
 CTTCTGCTCGGCTCTTTTCGGTGGCGGTGCCATTCGGTACCGTGGCGGAGTGCTCGATGCG
 TTGGGGCTTAACTTCCTTGCTTTTGGCCACGCGCAGGGTATTTCCAATACCGTGTTGTGG
 GTTGGGCAGCTGCTGCTGATTGGCGCGTGGGTTACCTTGGACGTCGGTTGTTCAAGAAA
 AAAGTCGCTGATGACACCGCAGACGCTGCTGACTTAGGTCTTGTAAGCGCACGTTGTAT
 GCCATGGTGGTGCCCTCATTTTTGCGGCACCAATGATGTCGCGTGATGTTTATTCTAT
 CTCATGCAAGGCGCGATGCTGCGTGATGGCTTCGATCCCTACACTGAGGGCGCTGCGGTA
 AACCTGGCCCCATGTTGCTTGAGGTCTCTCATGATTGGCGCAACACCACGACGCCGTAT
 GGTCCACTACACCTGTGGATTGGAGACATGATCACCACGGTTGTGGGCGATAATGTCACC
 TTGGGCGTCGTCGCTTACAAGATCTTGTGATCATTGGCCTTGCTGTGACAGGCTGGAGC
 ATTGTCCGCAATGCACAACATTTTGGAGCCAACCCAGCAATTGCATTGTGGATTGGTGTG
 GCCAATCCTGTGATGATCATCCACATGATCGGCGGCATGCACAATGAATCCCTCATGGTG
 GGATTGGTCAGCGTCGGCTTGTTGCTAGCACTGAAGAAGCGTTTCGTGGCAGGTGTGGCA
 CTCATTGCAGTGGCTGTGTGCTGAAAGCTACAGCGGCGATTGCACTTCCTTTGTGGTG
 TGGATCGCATGCATCTTTCGAGGATCTTAGCCACCAAAAAGGGCAAAGACTCCCT
 ACCCTTAAGCAACAGGTCCCCGCGTTCTTTGCCACTGGAGCTGCAGGTGTGCTGTCACT
 GGTGTTGTTGTGCACTGCGATCACTTGGGCGCTCGGCGCTTCGTGGGGCTGGATCAGTGAG
 ATCAGTGGCAACAGCAAGGTAATCAACCCGCTGGCTTCCCTTCTTTGGTGGCCAGTGTG
 ATCACCATGGTGGCTGAAGTGTTGTTGACGATTCGACTACAACGCAGTGTTAATGTT
 GTGCGCTCAATCTCCATGCTGATCATGCTTGGCGGGTGGTTCGTATGTTGGTGGCTGTTT
 CGCCAGAACGAACGCAGGGCGGTCACTGGTACAGCAGCGGCTTATGCCGTGGCTTTTGTG
 TTCAATTCTGTGACCTTGCCGTGGTACTACGCCAGCTTGATCTCTTTGCTCGGCACATTT
 AAACCACCGATGTGGTTGATTGCTTCGCTTCGACGCGGTGCTTCGGTGTTTATCGCGCTGATG
 TTTACCGGAAGTGAAACCACAGCTGTACAACATCGTTACGGTGATCATCGCAGCAATT
 ATCGCGTGGCTTGCCACCGTGGTGATCTTTGATGACACTGACCCTGCAACACGGCCACG
 GAGAAACCCTCCCCGCATACCGTTTCC

>naRXN02697-downstream
 TAGTTGCATAAGGTAAACCGCCA

naRXN02720-upstream

CCACGCTGCACCATCGAAGACGAAGATCTGTTTTCTTACCGCCGCGAAGGCACGACAGGC
 CGCCAGGCCGCGTGGTGTGGCTGCCAAAGGAGGCATAAA

>naRXN02720

TTGGAGCGCCGCGAAGAGCTGCAGGTACGACTGCAGCAGGTGCAAGCGCGTATCGACGCG
 ACCCTCAACGAACACAACCGCCCCGAGGGCAGTGACGTCTGTTGCCGGTCACCAAATTC
 CACCCCGTGGAAGACATCAAGATCTTACAAGAGTTTGGTGTACCCGAGTGGGAGAGAAC
 CGCGAACAAGAAGCACGCGCCAAAGCACTCGAACTTCCCGACATGGACTTTCATATGATT
 GGCCAAATCCAATCAAAGAAAGCCAACTCGATCGCCAGGTGGGAGCTGCAGTGCACTCC
 GTTGATAGCGAGAAAATCGCCGAAGCATTGGGCGAGGGAGTAGCCCTTGCAATTGGATAGA
 GCGGACCGCACCACTGACGAGCTTCCGTGTTTTATTCAACTGAGTTTGGATGGTGACCCG
 AGCCGAGGTGGAATCCATTGAGCCAGGTACACAACCTGCCGATTGCATCAGTGACACC
 ACACATCTGCGTTTTGAGGGCCTCATGTGCGTCCCACCGCTTGGTTGGGGCCCTGAAAAA
 GCTTTTTTCCAGGCAAGAGACGTACTTTCAGGTTTAGAGGAACACTTTGACAGGTCTTTG
 GAATTTTCGGCAGGTATGTCTGGAGACCTAGTTGCTGCGATTAAACACGGCTCAACAATC
 GTGCGTGTGCGAACTGAAATTCTTGGGAACCGACCGCTAGCG

>naRXN02720-downstream
 TAGAAAATCAAGTTAAGGGTGTG

naRXN02744-upstream

GCCAAAACGTCATGATTGCTCTTTGGATACGGGACACCGCTCATTGGAAGATGTCTTCC
 TGGACATACCGGAAAAGAACTGAGGAGTTAACGCACACC

>naRXN02744

ATGTCTAAACCTTTTGAAGAACTCTGCGCTCCGCGGTTCTTCTCGATTCCCAGCTGGAACG
 TTCACCCCTGCTCCCAAACGAGCCACCCCGGCAAAAATGTTGGCTGCTCAGGGCAAGATG

GAATCCCTGCTGTTTCTTCGCCACGGCGAACAGCAACTGCTCAGCATCATCATTCCCTTG
 GTCGCGCTCATCGCACTAGCGAATTTTGATTTCATCCCTGGTGAGAACTCCCTCGACAAG
 ACTTTCCCTTCGCGCTGGCCACAGCAGCCATGAGCGCTGGTTTTACAGGTCAAGCCATC
 AGCCTAGCTTTTGACCGCCGCTATGGTGCCCTCAAGCGCACCGGCGCCAGCGGTGTTCCC
 GCCTGGACGATTATTTTTGGCAAAGTCATCGCAGTCATTGCAGTCACCATTTGTGCAGATC
 ATCTTTCTCGGTGTGACTGCACTGCTGTTGGGCTGGTCCGCACCTGTCGGTGGTGTGCTC
 TTTGGCATCGTGACCCTATTTGTGGGTGTTTCCAGCTTCAACCGCGCTCGGCATGCTGATG
 GGCGGAACGTTTCCTCCGAATTGGTATTGGCACTGGCTAACTTGATTGGATTGTACTG
 TCCGGCCTTGACGATGGGCGGTCTTTCCCTTCCGTCAACGCTGAAGGAGTGTGTCC
 ATCATCCCATCCGTTGCGCTGTCCCAAGGTATGGTTGACGCATTCAACGGCGAACTTCCG
 TGGCTCCAGCTAGGAATTTTGGTGGGCTGGCTAATTATCACCGCGTGGCCGAAACAAG
 CTATTTAACTTCTCTGCGAGCCGC

>naRXN02744-downstream
 TAGATATACCCCTTAGTCGGAAAA

naRXN02770-upstream
 TCGCCGGGGCAAAAACCGTATAATTACAGTCTATTACGATTCCGGGAAAGGCTGGGTAC
 TTCACACATGTTGTTTCGGAAGTCACGCAGCGCGTAATC

>naRXN02770
 ATGTTGGTTGCAGCGTTAGTGATGACAAGCTGTGGTGATGGGGAACCGGAACCAACCAGC
 CACCAAACAAGCCTTTTCGGCTACGCAGTTAACTCTTCGCTGGCTACAACCAACGCGGCG
 TCGCTGTTGGGAGTGGCTAATGATGCTGGTCTTTGGCTGCCAGAGTGTATCCGGGTGTG
 TATGTTCAAGGTCTTCTGGGCAGATGATTCCCAACTGATCTTGCTTCCACGCAGGTA
 TTGCGGGGTATTAAACCGCCAGGTGATTACACTATCAATGAAGATGCCACCTACTCAGAT
 GGTACGCTGTGGTGTGTGATGATTTTCTGCTCTCTGCGACAGCTGGGCAGATGCCGAA
 CTGTTCCAGTCCCATGTGCCATTGACCTCGCAGATTGAGCGAGTGGACTGTGTATCTGGT
 TCTAAAGTAGCCACCGTGGTGTTCAGGAAGACCTCGGTGAGCGTTGGCGTTATCTTTTT
 GAGCAGGGCGATTGTTGCCAGCCCATGCCGTGCTTCCAAAGCAGGTATGACCTTGGAG
 GAGCTTAATCAGCGCTTGAAGGATAAGGATCCTGAAGCGTTGACTGAACCTGCTCGTGTG
 TGGAGCGAAGGTTTCAGCTGTCCAGTTTGATCCAGAGCTGCAGACGGCTTTTGGCCCG
 TACAAGGTGGATTCTGTGGGTGAATTCGGCGAAGTCAAGCTGGTACGCAATGAGTTTTAC
 AGTGGCGACAGGCGGTTGAAGCAGAAATCACGATGTGGCCTAAAGGCTCGGATCTCAGC
 GCCATTGCGGATAATGGAAACCTTCAGATCGCACATGTTGTGGCGTGGGAGAGCGAGCCG
 TGGGTAAATCGCGATGACCCATTGAATCCTTATGACATTAAGGAAGAGGTCCGTGTTTTG
 ACTGAGCAGCTCACCTTGGCCAGTGCCGGTGTGTTTACGCTGCGGAGGCCCGGCAGGCG
 TTTGCGGCCTGCGTTGACCAGGAAGCGGTGGCTGCGGCGTCGTCAAGCATCTCTGGAATC
 GATGTGCCTGCCGTAGGTGTGCACTCGGTGCGTCACCAAAATCCGGTCTGTCACCAAAATC
 GGTGATCTGCCAGCACAGCACATGGCGGTGGATATTAATGCCGCATCAGCGTTGGCGGGT
 CAATCCATCCGCATTGGCTACGACGGACCCGATGAGCGCAAGGCTGCAATGGTGGAGGCG
 ATTCGCCAAAGTTGTGAGCCTGCCGGTATCACCGTTATCGATGCGTCGCAGGAGGCTGTT
 AGTCTTAATGATCTCAGTCGAACCGAAGTCAGTGAATGGGGCTATGAGCAGTACTTCGAA
 GGGACACTTGACGCTGTTCTGCGTACAGTGGATCCACATCGGGAGTATGAAAATGCCAAT
 ACCATTGGAAGTATGCGGAGTCGACGAGGCGCACTGAAGAACAATTGTGGGCTGAAGTC
 CCATCAATTCCACTAGCAGCGCAACCCGAGTGTGTTGTGATAGATCGCACAGTCGGTAAC
 GTTGTGTTGTTAATACAGACCTAGCCGGTATCGGATGGAACATGGACCGTTGGTCCAGAAGT
 GAGGAA

>naRXN02770-downstream
 TAAGTAGTGAGCGAACAAGCTCT

naRXN02781-upstream
 CTCCGAGAGTTTCCGCATCCGCGGTTTCGATCCCGGACGTTCCCGGGAGACGCGGTGGGA
 CCGGCTGTGGCGGCCCTTCTGGGCGATACCGGCTGCCAGC

>naRXN02781
 GTGGTCGCGGCCCTGGTTTTTCGGTTTCCTGCTTCCCACGTGGGAACGTGGGTTGTCCGAC
 GCCGCGCTCAAATTCGTTTTTGAGGGTGGGCCTGATGCCGCCCCGAGGTGCTGGGCACC
 ATCGCCGCCCTCACGATCTCAGTGACCGGTCTCATCTTCTCCATCACTCTCGTTGTTCTG

CAGCTGGTGAGCAGCCAGTTCAGCCCGCAATGCTCAACGGCTTTCTGCGCAACCGCATC
 GTGCAGGCCACCCTGGCGATGTTCTCTGGGGACGTTCTGTGTTCTCCCTGACGGTCATCCGG
 TACGTGTGGAGCGAGGACGAGGACATCACCGGATTCGTCCCCCGTGCTTCAGTGTCGGTT
 GCCTTCCTGCTGGTGCTCGGGTGTCTGGGACTGTTCTGGCGTTTCATCCGGCTCATCACC
 TTCTCGATGCGGGTGGCCAACGCCATCTCCGAGATCGGGGAGGAGACGATGGCTCTGGCC
 GCACGTATCTATCCCGTGACAGCGACGACGACGAGGCCAGTCCAGGGGCCGGGCTGGTCA
 CCGCGGCCCGGTGACCCCGGGAAGAAATCCGGGTGGGCAACCATGGTTCGCTGGTGTGG
 ATCGACTACCGGAAGCTGGTGTCTGGTTCGACGGAACACCAGGCGGTGATCACGGTCGAC
 CGGCCGGTGGGGGACTTCTCGTTCGAGGGCCAGCCGCTGCTGCGGGTCTGGTGGGACGGG
 GAACTCAGCGACCGGGACCGACGCGTTCGCACTCGGCCATCGAGGTGCGGACCGAGCGG
 GAACTTCACCAGGATGTGGCGTTCGGACTGCGTCAACTGGTTCGACATTGCCGATCGTGCG
 TTGTCCCCGGGCAATGATCCGGCCACGGCGGCCAGTGTGTCCAGGAGATCCACCGG
 ATCTTCCGCTATTGGTTCACCGTCATCGAGCCCGACCCCTACATCGCCGATGACGACGGT
 CGGGTCCGTGTGGTGACACGCGCAACGTATCGCGGACATGCTCTATGAGGTGATCCGT
 GAGATCCATCTCTACGGGGCGGATTCTGCGATGATTCCGAGGCTGCTGCGCACCATGGTC
 GAGGACCTGGTGACGGCCGCTGCCGATCATTCCCTGCCGTGAGCGTGCCCGCGGC
 ATCCTGGACGATGAGACGGACGAGGACCGCGACAGTGACACCGCGAACGTC

>naRXN02781-downstream
 TGATCCGGGATCAGGTGGCGGTG

naRXN02782-upstream
 ACCCCACCCGGTCCCCCTTTTTCTCTACTGACACCGGAGCCGCCTCAAGCACACGCTG
 CAATCACAGAAGCTAGTTGAGCATATTGTAGAATATAACT

>naRXN02782
 ATGCCAACACTGCTTATTGACACCCATCCGCATCTTGACGCGCAACTTCTTGACCCTGGT
 TTAGGTGAAGTTCTTACAGCCGGTTCCAACAAAAAGTGACAGTGGCAGTGCCCTAAGCAC
 TCCAATCACATCTGGACGGCCTCGGTTAATAACCGACCAATGCAAAGAACCCGCGCTGC
 CCCTATTGTGCCGGAACACGAGTGTTGGCAGGTTTAAATGATCTCGCCACCACTACCCG
 CATCTTGCTGTACAGCTGGTTGACCAAGATATTGCCGTCAACATTTCCGCTGGTTCTGGC
 AAAAGACAACACTGTGGCAGTGTGTAGTAAACCCAAAACACCAAGTGGTTGGCTACGCCAAAT
 AATCGCACAGTACTAAATCTGCGAGTTCTGGTTGCCCTACTGTGCCAACCAGCGGTA
 TTAGTCCGGTGACAAATGACTTTGCAACAACCTACCCCGAACTTGACGCGCAATTAGTAGAT
 CAATCTGCAGCGACAACCTTTACAGCCGGCCACAACAAGCCTGTTGAGTGGATCTGTTGC
 AAGCATGAACCACCATTTATCTGGAAAACCTCACCAATTTTGCGTGTACGACAGAACACC
 CAGTGCCCTGTGTGCTCAGAGCGAACTGTGGCGCCGCGCTTAATGATCTTGCAACCACT
 CACCCTAACTTGCCGAGCAAATTGCAGATCCTCAACCAAGTGGTGTGAGCGCCGCGGCC
 ATTATCCCCACCATTAGCAGGGGTTCCCATACGCAATTAACATGGCAATGTTCTAAAAAT
 CATGACCACCAATGGGTGCGCCACAGTAAAGGATCGTGTTCGCGGAACAGACTGCCCCACC
 TGCGCAAATACAGGAAGTTACGCAAGAGGCTGAAGTTATTGAGGTGATCCGTGCATTA
 TTCCCAAACACTGATGTCCAGCAAGGTGCGCTCATTAATGGACGTACCGGTAATCAAGGT
 GCATCGCCGTCAACCGATGTACTCATACCGTCCAAAAATCTCGCTATCGAGTTCAACGGC
 CTGTACTGGCACTCTGAGCTTTTCATCAAAGATAAGCATTATCATGCGAACAAATCAGCT
 CTCGCAGAACAAAGCCGGTGTGACGCTCATTATGTGTGGGAGGACGACTGGAATCTTCGC
 CGCGACATTGTGATCCGCATGATCGCACACAAGCTTCATGCAACCCATAACCTCAGTGCT
 GTTTTGCTACCGAACTACTGACTCACGTGTGGCAACCAACCGCTTTGCGCGTACACTCA
 CACTGTCCGGTGGTCTCTGGTTACGCGCTGCTGCATTCT

>naRXN02782-downstream
 TGAACAGCAACCATATTCAGGGT

naRXN02812-upstream
 CGCAACTGGAGCTGCCGACTCCCCTGCGTTTGCCACCGTTGAAGGAGCAGAACTCCAGA
 GGGCTACACCTTTGAAGCAGTAGACAGCGCAGAAAGTACCT

>naRXN02812
 GTGTGGGCTGTTGCCATCAACGCTGGAAACGGTATCTCTGAAGACCAAGCCCGCGCGCC
 TCTGATTTTCAGTAGCTTCAGCTTCGACACCGCAACGCCGATAACTCCGCGCTTGAAAGT

GTTCTCACCCAAGCTTCAAGCGAATCCGCGGCAGAACTACTGAGGCGCAACCAAGCGAG
 ACCCCGGTCGAGCCCGCTGCTTCCCCATCCGATACCATCATCAACCTGGATACCTCA
 TCCAACATGGATCGAGTTGTTGACGGCAGCCAGGAAACCTACCACACGGTACTTCCCGG
 ACTCTGGCCAACCTCGCCCGCGAACTGGTGACAGGGC

naRXN02817=upstream

AAAATTCCCACCCCAAACTCCCCACTTCGGTTAAGGAATCAGGATTCTCACAAAGTT
 CAGGCAGGCTCCCGCTACTTTTCAGCGCTAATCTTGGCTC

>naRXN02817

ATGATTTTAGGCGTACCCATTCAATATTTGCTCTATTTCATTGTGGAATTGGATTGTGCGAT
 ACCGGTTTTGATGTAGCAATTATCCTGGTCTTGGCGTTTTTGATTCCACGTATCGGCCGA
 CTGGCCATGCGTATTATCAAGCGCCGAGTGGAGTCTGCAGCCGATGCGGACACCACTAAG
 AACCAGCTCGCGTTTCGCCGGCGTTGGCGTTTATATCGCGCAAATTGTGGCGTTTTTCATG
 CTTGCCGTCTCCGCGATGCAGGCTTTTGGTTTCTCTCTCGCGGGCGCTGCGATTCCGGCA
 ACCATTGCGTCAGTGCCTTGGCCTTGGTGCGCAGTCGATTGTTGCGGACTTCTTGGCC
 GGATTTTTCATCTGACGGAAAAGCAATTCGGCGTGGGT

>naRXN02818

TCCTATTCCCGGAAGTTTTTGACCCAGGTGTGGATTTCGAGACAATGTCGGCGATTATAAA
 GGCCTTACCGATACGGCGTTCCGTAAGAAGCTGCAGCGCGATCTTGCTACCTGCGCAGA
 GTTGGCGTTCCGATTGAGCAGTTCACGGTCACCTCAGGCATAGCTGAAGGCCAGCAGGCG
 TACCGTCTGGCCAGGATTCTTATAAGCTCCCGAGGTGCAATTCACCCAGATGAGGCC
 GCCGTGCTGGGCATGGCAGGGGAGATGGGCCATAATCAGGAACTCGGGCGCTTCGCGCGT
 TCGGGGTGGACCAAATTGGCGGCCGGCGCGCAGCGTGATCTGTCCACGTCCACAGCC
 TTGACCAATGCGGGCGATTAGGTTCTTGTCTGCAAAAACCTCGATGCGATCATCAA
 GCCCGCCAATTGGGCAAGCAAATCAGCTTCGAATACCGGCGCGCCCCAAAGACGCCCCC
 TCGCTTCGACACATGGATCCTTGGGGTCTGGTCCCTGAGCGCGACCGCATCTACCTGGTC
 GGATTTCGACCTCGACCGCCAAGAAGCACGCACCTTCCGCATCACCGCGTCCGCAACATC
 AAATC

naRXN02825=upstream

TGGCCTGCCCTGAAACTTTTACGGCTTTTCAGAGCGCAGGGCATCATTTTCTTGTGTCG
 CAACACTTGAGAAAAATTGCGGAAAAGGACACTGCTGTTC

>naRXN02825

ATGAAACTTGACCTCGTATGCGGATGAGGAGCCCCAAAACCTTTCGCGGCCCTCGCCTCA
 CTTGCTTTAGTCATAGGTCTCGGCCAGGTACCGATCGCCCAAGCTCAAACCGAGTATCGA
 ACCGCCTCCGACGGTTCCCTGAACCTGGGGATTAGGCAATCGTTCGCAATTACATCCAA
 ACCGGCGTGGCCAAAGGTTCCATCACGCTTGGCGACGGCGCATCCGACAACGGTGGCAAC
 TTCGATTACCCACGACCAACCGGACCGTGACCGAGCATTCCTCAAGGCACCGTG
 GAATTCAACGGTCCGTGCACTTCTCGGACACCAGGCAGAGGACAAATGGATCCTGGAC
 ACCACCATGTCTGACATCAAAATGGTGTCAACGGATCCTCCGCGCAGCTAGTTGTGGAT
 TTGGTTGCCGCGAATTCAAGGGCACCACCTACGATGACATCGGCGAATACATCATCTCC
 GACGACATCGTGTGTCGCGACGTCTCCCTCAACTCCGCCGCCGACTTCTCCCAAGATTCC
 ATCGACCTGTCCGGCACCAACCGACCTCACCAGCTGGCGCCCAAGCTTTCGGAGGATTTC
 TACGAAACCGGCGAAGCCCTCGACCCGACGGCGGCGAGCCTGACCATTTCCTCCACCACC
 ACCGCGCCATCGACCAGCAGACCTCCACCTCTGCTCAACTTCGGTGGAACCGCGGAC
 TGTTCTCTCCGGCGATTGGGTGTTGTCAACACCGGAACCAACGACGGCATGCTGGGCACC
 ATCCAGGAAGTAAACAACACCTTCGCGATTGGAACAACCTCATCGTCAACACCGAGCGC
 ATGTTCTGCAACATTGATACCCTCAAGGCGCGCTTCGACACGGATGATTCCAGCGATTCA
 GCGACCTCTGCGACTTCTGGGACTACTGCGTCCACCGGCACCAACCGCTGCAACTACCGCG
 GGAACCACGGGTACCACTGGAAGTCCAGCACCAGCTTCGGAACTTCGGAACTTCGGGA
 ACCTCCGGCACCGCAGCAACTGTGCTGGCACCACCCCAACTGACAATGGCGTTTGCAAC
 GCTTCCGGATCTTTGGCGTGACCAAGCATCTGCGCAGTGGGGTGTGAAGGCGTCTTTC
 CAGAACTACATTTCGCGGATCGATCGCCAACGGTAGCTGGACTCTCAACGGCGTTGGTTTT
 GATAATCAGCAGTTCCAATTCTCTGGAAATTCCGGAGCAGTCGACGCGGAAAACAAGACC
 GGCAGCATCAATTTCCCTGGTTCCATCCACTTCACGGGTCACGGCGGAATCTTGGACATG

CAGATCGCAAACATTGAGATCAGCTTCAACGGCAACTCCGGCGAGCTGATTGCGGATGTC
GTTTCTCTGACATGGATGGAAATTCACCAACTACGGTCGCACTGTCGTGGGCACCCTG
AATTCTCTGCGTTGAATGTTTCTGCAACGGAAGCTTCCGGTTCCGCTTCGGTGTCCCTG
TCACAGTCGGGTTTCGAGGCGTTTCGCTGATTTCTACACCCAGGCACCCAGTTGGATCCG
ATCAGTTTCAGCGCAACTTTGGGCGGCGACGCCAGCTGCGCCACCGGATCCACCTCGACC
ACAGGCGCTGCTGCCACCGCGAACACTGACAACACCGAAGGTGTTGCCGGCGAGGAATCC
ACCACCCCGCTAACCAAAACAGCCAGTTCCAAATCCGCCAGGCCGCTGCAGATTCCACC
GGACTGGATACCACCACCACAATGTTGCTCATCCTCGCGGCGTTTCGTTGTCGAGGTGGC
TCCATGACTCGCTTACCGTCGGCAACCCGACTGGAAAA

>naRXN02825-downstream
TAAGGCTTCACATGAATAACGCT

naRXN02838
AACACGGGCAAGGGCGGGGGCTGACGGTGCCGCTGGGCGACGGGCAGGGGCGGTATATC
GCGAAGTTCCCTCGACCGCGTTTGTGGGGGTGTCGGAGAACGAATTTGCCAATCTGGCT
TTGGCCGAGGCGATCGGGATGGAGGTGCCCGCGCGAGTTGGTGGGGCGTGCGCAGTTT
GAAGGCGTGCCCCCGAGTTTGAGGCCATGACCGACGGGTGGTTTTGCTGGTGCGGCGG
TTTGATCGCGCGGGCGATGGCGTGCGCTGCATATGGAGGATTTTCGCACAGGTGTTCCGC
CTATACCCCGCGCGCAAGTATGATGGGGCGGCCAGTCACGATATTGCGGCGGTGCTGGGC
AGTGCGGTGTCGATCGCGCGGGGTGGAGTTCGTGCGGCGGCTGGCGCTCTCGGTTGTG
ATGGGCAACGGCGATATGCATTTGAAGAACTGGTCGCTGATCTATCGCGGGCGGGCGAT
GTGCCGGCGTTGGCGCCTGTGTATTATATGATGTCGACCGTGACCTAT

>naRXN02840-upstream
AAGTGAAATCAATCGCTTTTCCAGCAGCAGCACTGGTCGCGCCAGCGTGGGTGTTATGG
TGAAGGCGAATACACCTTCAGCACCGCTGAGCCGGAAGAG

>naRXN02840
ATGACGGTAATCAGTGGCGCGCTGAATGTGTTACTGCCTGACGCGACCGACTGGCAGGTG
TATGAAGCCGTTTCGGTGTTTAAATGTTCCCGGTCACAGTGAGTTTCATCTGCAAGTTGCC
GAACCCACCTCTTATCTGTGCCGCTATCTG

>naRXN02840-downstream
TAATTCTCGCCTTCCCCTTGAA

naRXN02841-upstream
CTCACATAACTTTACGCCACCCCATACCTTTAACCCTGCACTGCTCATCCACAAGCAC
TGTGCAGGGGTGTGTTTCTAACAAGAAAAGAGACCACC

>naRXN02841
ATGTTACAGCTTTTAAAAGCAATCCTACGACCATTAAAAAGCTGGTTTCTGAGCTCATT
AATGGCGACGATGCAGCGCTCAACGAAGTAGAGCGACACGTCATAATGAATCAGTCCGT
GCTCGGAACTCCCTAATGTCCAGTACAAAGCCACTGCGGGGCGCAACTTCGCCATATCC
AAGCTGGTCCAAAATTTGCGTCGCATCAACAAGGCACAAAACAATCCACGTGGTGTGCCC
ACTCATGCCACCGTGATTCTGCTTAAGGAAGACGGCAGCTACGACGGTGAAGAACAGTGG
CGCATTCAGAAAAGGCGATCACTCCGTTGACATGCTACGTTGCGCTGACTTCAACCAC
AACAGGCTGAAGAACCAGCGCTCATGGTCGAGTCCCAATACCCCTGGGGCGTCCCCGGA
CTCATTAAAATGAAC

>naRXN02841-downstream
TGATCAATCCCTGACACAGCCAT

naRXN02846-upstream
TACAAGCGCTGAACGTTGAGTTTGAGTTTGGTCCATTGAGGGGTAAAGGCTTACCTCTCG
ACTAGGTGGGGTGGGCGTAGAGCGCCTATTCTGATTGATC

>naRXN02846

GTGTTAACCATCGCTATTGTACTTCTCGCGTCAGTCCTCATCGGTGCTCTTCTCCAACGC
ATGACAGGATTGGGCGTCGGTCTAGTTACCGGCCAGTCCTGACTTCTTTGTTAGGGCCG
CTAGCAGGCGTGACCATGGTGAATGGTCTGTCCATCATCAACGCGGTGAATAATGCGTGG
TCGGTGCGCAAACGCACTGACTGGGCCAAATTCCGAATTCTTGCCGGCGCTTTGGTGCTT
GGTCTGTTCCGTGCTGTTGCAGTGGTGTATTTCCCTTAACGGACCATGGCTGTTGATTTTC
GTTGGTGCGATGGTGCTGCTCGCGTTGGGTGTTTCCCTGTTCCCAACAGAGAAATTCGCA
CTCAAGCAAGAGCTAAACTGCCTATGGTCATCTTCGGCATGATTGGTGGATTTCATGTCC
ACTGTTGCAGGCATCGCAGGGCCATCCCTGACTGTTTATGCGCGCCTGAGCCGCTGGGAT
TACCGCGACTTTGTGGCCACCTTGCACCCAGTTCTACTCGTGGCCAACACCGTATCGTTC
CTGCTCAAGGTTATCTTGATCGGTGGACTCGATTTCCGGTGGCGCACCCGCATGGCTCTGG
ATCGGTGCCGTAGCGATGATCTTTGTGCGGTGCTTGGTTGGGTGAAATCGTCAACGCTAAG
GTGTCCACCCCAATGGCCAAGCGCATCGCTACGCTCCTGGCAGCAGCTGGTGCCGCGATG
GTGTTGTTCCGAGGCATCATGGAATTGGTT

>naRXN02846-downstream
TAGCGGTCTTAATTGGTGGAAG

naRXN02847-upstream
ATATCGCAGCAGCCTCGATGGTCAACGCCCATATGATGGGAAGTTG

>naRXN02847

TTGGCGCTAACGCCAGAGGCTTTCTCAATTCTGAAAGAAGCCAGACAAGGTGGAAAACC
CACTTCACCACCCAGAAAGTTCCACGCTCCGGCTACAGATATGACCTCGATGGGCTCCGC
GGCATCGCGATCGCCTTCGTAGTTTTGTTCCATGTTTTCTGTCGGAAGTCTCCGGCGGT
GTGGATGCTTCTCGCTGCTGTCTGGCTATTTCTTCTTAGGGTCGCAATTGCGTTATGCA
GATCGTCCAGATTCTTCCATCAACCCCTGGTGGCCGATTTGGCGCACGCTACGCAGATTA
CTTCTGCGTTAGTGCTGGTGTGGGCGTTTCCATGGTCCTCATCTTGGCGTGGGTGCCC
AGACTGCAACCAATAGAAATAGCCAACCAAGCAGTAGCCAGCCTCTTCTATGTCCAAAAC
TGGGAGCTCGCATCCCAAGGTGCTGCCTACGGAGCAGCCTCTGCAGAAGTCAGTCCTTTC
CAGCACTTGTGGTCCATGGCTGTGCAAGGGCAGTTCTACCTCTTTGCCATCTTGTGAGC
ATGGCGATCATCTGATTTCGTGATACCGCCCCGAATACTCCGCAGTGGGACTAGCGACT
CCTGTGCTGGCAGTGCTCACATCCGATCATTTTTTCAGTGCAATCCTGTGGCATTTTATT
GATCAATCAGTCAACTACTATTCCACCTTCACCAGGTTCTGGGAGCTCGGCCTTGGTGCA
CTATTGGTGCTGCATGCGCCTCGAATTTTGATTTCTGCGAAGACTAAATCAATACTCGCA
GCCGTGGTTTTGTTTATGGTGCTATCCACTGGATTCTTCATGGATGGCGCAGAGACTTTC
CCTGGATTCCCGCGCTGTATCCCATCTTGGGTGCTTGCTTAGTCATCCTTGGCGACGGT
AAAATCTCGGTCTTTCTCTCCCGAAAATGGATGCTTTGGCTCGGCGATATCGCCTACCCG
CTCTACTTGTGGCACTGGCCTCTGCTGATCATTTTACCGCTTTGTTCAACCAAGAAGAG
CCATCCATCTGGCTGGGTATCGCCGTGATTATGCTGTCCCTTGGCTTGGCGCAGCTGACT
AACAAATAC

naRXN02849

TCCCCATACCCCGTCATGATCAGCACCTCTGCCGACGCTCAAACGTGACCGTGCGCATC
ATGGGTGTGGACACCACCTCCGTGGAATCCATCAACAACGGACGTTGGTCCACCACCCAG
CCCAACACAGTTTCGAGTATCGGGTTCAGATTGTGTGCCATCAACCGGTGCACCAGGATTT
ACCACCTCAGACACCCGAATCATCAGCGATCTTTCTGGCAACGAAATCACCAGAGAAACC
GTCACCACGGTTTACGATCCTTCACCAACGTGGTCTGCTCC

>naRXN02849-downstream
TAAAACAAAATGCCCCACCAGAT

naRXN02911-upstream

ACCGCATACATTAACGTGTTGATCATTGCCCTAGTATGCGCAGTAGCGGCTGCTCTGATC
AGCAGTTACCTTTTCCGCGGAAATCCGAAGGGAGCCAATA

>naRXN02911

ATGCGCACTAGTAAAAAGAGATGATTCTGCGCACGGCCATCGATTATATCGGCGAGTAC
AGCCTCGAGACGCTGAGTTACGATTTCGCTCGCCGAGGCGACCGGTCTGTCCAAGTCGGGC

TTGATTTATCATTTCCTCCAGCCGCCATGCGCTGCTTTTAGGCATGCACGAGTTGCTTGCC
GACGACTGGGACAAGGAATTGCGCGACATAACCCGCGACCCAGAGGATCCACTTGAGCGA
TTGCGCGCCGTCGTGGTTACGCTTGCTGAAAACGTTTCGCGCCCCGAGCTGGTTTTGCTT
ATGGACGCCCCCTCCACCCGGGATTTCTTAACGCCTGGCGCACTGTAAATCATCAATGG
ATCCCCGACACCGATGATCTGGAAAACGATGCCCCACAAACGCGCCGTCTACTCTGGTGCA
GCTCGCAGCCGATGGCCTCTTCGTGCACGATTACATTCA

>naRXN02911-downstream
TGATGATGTCCTCAGCAAGTCCA

>naRXN02914-upstream
TGTGGATCGCAGCAATTGCATCCCCTGGGCCAGACCTTTTCAGATCATCAGGCTAAGTGC
CAAAAACCGCCGTGATGGCGTACTGACTGCCGTAGGCATC

>naRXN02914
ATGGTGGGAAACTCCATCTGGATCATAGCCAGCCTCCTTGGGCTCTCGGCACTGATCTCC
ACGTATCCAGCAATTTTGAACCTGTTGCAGCTCGTCGGTGGCGGTTATTTGACCTGGATG
GGCATCGGGGCGGTGAGGTGATGGTGGACGAAACGCTCCACACAGCAAGCTGCAGCGGAT
TCTCAAGCTGTAGAGAATACGTTGGTGACAGCCACGGCTGCATCTGTGCGAGTGTGGCCA
GCTATTCGATCTGGCATTGCTACCAACTTGTCCAACCCCAAGCTGTGCTGTTTTTGGT
TCCGTTTTTCGCCCAATTTGTTAGACCTGACATGGGAATCGGGTGGAGTATTTTCATTGGA
GTCTTCCCTCACCTCACTGGCCTGCTGTGGTTTGTGGGGTTTCGCCGTCTTGGTCCGCAAA
CTAGCCGCTGGCCTCACCCGAAATGGAGCCATCATCGACCTGCTAACGGGGGTGATTTTC
ATCGGGCTGGGAATGTTTCATGATCTTCGAGGGGTTGTAGGAATCGGTGGCAGGGTAGTG
GGT

>naRXN02914-downstream
TAGCCCCGCCCCAGGACGTCAC

>naRXN02921-upstream
TGGAAACTGGGAAGGGTTGACGTTGCGGAATCTCTCCGACGCTCGGTTCCGACCCATA
AAAAGGGTGAGGAACCATGAGCTGTTTTAAGGAATTTT

>naRXN02921
GTGTCTGCACTTGAAGAGTCGATCCGCATCGCGACCATCGCGGCGAAAGCAGCGGATGAA
AAGAAGGCCGATGACATCGCTGTCATCGATGTCTCTGACATGATCGCAATCACCGATTGC
TTTGTTGTTGCATCTGCTGACAATGAGCGCCAGGTGGGCGCCATTGTTGAGGAGATCGAA
GATGAGATGACCAAGGCTGGTTTTGAGCCTAAGCGCCGTGAAGGCAACCGCGAAAACCGT
TGGGTTCTCCTTGACTACGGATTGGTTGTTATCCACGTTTACGCGACAGGCAGAGCGCGAG
TTCTACGGACTGGATCGTCTGTACCGGACTGCCCACTCATTGAAATTGAAGGACTTGAA
ACCTTCAAGCGTGAATCCTCCTGGTCTGATGAGGCGGATATCCGCAACATCGACAGCATT
GATGAACCTCCACCTTTGCCAGCTGAATACGAGCCTGGCTACGAGGACGAT

>naRXN02921-downstream
TAAGAGGTAGTCTGTGACTCGT

naRXN02924-upstream
CTAGGCAGGTGTGCGATCAAACCACACTGTCAGAATCAAATCTGCTGGACGCTATGCCAG
CGGATTGTTGATCACGAAAAGCATGTCACAGACACCTTT

>naRXN02924
GTGCCTTCTGTAGCATCCATCTCAGAGCGCGCCACGTTTATTCTCACCGCCGATCACTTT
TTGCGCAGCTGCTCGAAAGTAATTTATGTCCGGGGCGAAAATTTACCGCCACAGCAACC
ACCAGCCTGTCTGATTTGGCACAGATCTGGGTTTGATCAAATTAGACGGCAAAGCCCC
ACCATGCCACTTCCACTTTTCGAGATAAGCCACTTCGCGTGGGCATGAAAACCAACAG
TTCGGATTTCGGCGGTCTGCCATCAGCCACCGTTGCTAAAGAAATCCACGGGCGCGTTATC
TCTGCCATCCCCATGGCGTATCAAGAAACCGCATACCCGAGTCCATCACGGTGCCCTTG
ATCTTTAACTCCCCAGAAAAGGCAGTAAAGGGAGACTCCGGCGGACCTGTGCTGGTTAAT

GGACGAGTAGCCGGAATCCAATCAATGATCTCTGACCCCGGTGGATTTAACACCGGGGTC
GCCACTGCCGCATCCCTTATCCAGCACATGCCTGCCCTAGCTCAAGCGCTTGAAGTCTC
GAACATAGC

>naRXN02924-downstream
TAGCTCGCTAGGAACCGATCGCC

naRXN02927-upstream
TCCGCGATTGGGCGTCTTGACGCCAGATCTCAAGTGTAAGTTTCATTACTTGTAGTTCC
TTGTCTGCAGTGGGACAGATTCTGAAGAACAGTGGTTCTGC

>naRXN02927
GTGGCAGACGAAGGTTCCATTCTCGCCTGGTTCCCATGCGGAGACGAAGCACCAGTTTGT
GTCGTCACGTTGTGCTTCGCCATCTTCGGAGAGGTGGTCGTCGCGGAAGTGAGCGCCACA
GGACTCGTCGCGGTTCGAGGGCGTCGACACACATGAGTTCGCCGAGGTCGATGTAGTCGGC
TACGCGTGCTGCGTATTTCGAGAACCTGGTTTCATCTCATCGGTGCTGCCGGTGATGCGCAT
GTTCTTCCAGAAGTCATCGCGGAGGGCACGGATCTTGTGTGATGCCATCCTGGAGGTCTTC
TACGTTTCGGGAAACGCCACAGGAGAAGTACAGGATATCGCCAAGCTGGCGGTGGTAGTA
CTCAGGTCCGTGAACGTTGTACCGACCCACTCTGGGCGGTTGCCCATGAGGCGGTCAAT
GCGAGCCTGTGCACGCGCAATCGCTGCCTGTGCTTCTGGTGCATCCTC

>naRXN02927-downstream
TGACAGACGCTCGGAGCCAAGCA

naRXN02928-upstream
GGTTTGACCGTGGTAGGTCCAGGATGCTTCGCCTGCGCAGAACAGACCTGGGAGTGACG
TCATTTTCGTTGAAGTCAGTCCAGAGGCCACCCATGGTGAA

>naRXN02928
GTGGCAGGTCGGTGCAATACGCATTGGGCTGGAGTATGGGTCCTCGCCAATTGCCTCTTC
GTACATGGTGAAGAGGTTGGAGTAACGCTCGCGGATGGTGCTCTGTCCGAGGCGCTCGGT
GGCGTCGCGGAAGTCCAGGTATGCAGCGTTGTTTCAGAGGTCCAACACCGAGACCAGCATT
GATCTGCTGGGAGATCGCACGGGAAGCAACGTCACGTGGGACGAGGTTACCGAATGCTGG
GTAGCGGCGCTCCAGGAAGTAGTCGCGCTCATCCTCAGGGATGGTGTGTTGGATCGCGGTT
ATCGTTTCGTTTCCTTAGGGGACCAGATGCGGCCGTCGTTACGCAGCGACTCGGACATCAG
AATGGTCTTGGACTGCCAGGTGGAGTTCACAGGCAGGCCGTTGGGTGGAAGTGGATGAA
CGATGGGGACCGGAAGTATGCGCCGGCTTCGTATGCACGCATGATGGCCGAGGCGTTGGA
GTTCTTGGCCAGGGTGGACATGTGGTACACGTTGCCGTAGCCACCGGTTGCCAGGATAAC
GGCATGGCCGGTGTGTGCGGTGAGCTCGCCGGTGATCAGGTTGCGCATGATCAGGCCTTC
GCAGCGCTTTTACCCTTACGTTTCGGTGACAATGACGTCAACCATTTTCGTTATGGGTGAA
GATTTCTACGGAGCCGAGGTGGATCTGGCGCTG

>naRXN02928-downstream
TAGTGCGGATGCGGTGGAGAACT

naRXN02931-upstream
GATGGGTGCAGAAATTGAATTGAAAGAATCCGGGCACATGTGGGTGGAATCCCCGAGTGA
CTAGTGCGGTGTAAGAGCACTAGACTGTTCAACTATGAGC

>naRXN02931
ATGCAACCATACCCCGCAACCCAATCGAAAAACGTAAGCAAGAAGTACGCAAGAAGTCC
CGCAACGCAGTTGTCTAGTGTGGCGGTGGCATCGTAGGCGGTGCGGCTCTGTGGCTAGTG
TTCGGCTCTGCATTCTTTATGGGACTTGGATTGATCATCGCCGTGGTCGGCGGTTTTAT
TACTACAACAAGGTCCAAAAGATCATTAACGAAAAAGACCGTTAC

>naRXN02931-downstream
TAGTTAGAAATCTATGTCAGACA

naRXN02932-upstream

CACTACTGCGTTAAGGTATGAAAGTTCGCACACCAGCGATTTAATTCTGTGCCCACCACT
AGCACGACCATTTTCAGTTTTTAACCTTTCTTGAGTTTTCTA

>naRXN02932

GTGTCCAAAACAGAAGAAGGCCGTTTCAGCGGCCATAATTATTTACGCGTTTCCAACCTTTC
ATTCTGCTGGGCGCGATCATTGCGTTTATCTTCCCGGAACCATTCATTCCGCTGACAAAC
TACATTAATATCTTCTCAGCATCATGTTTACCATGGGTTTGACCTTGACGGTGCCC
GATTTTCAGATGGTGCTTAAACGTCCACTGCCATCTTGATCGGTGTAGTAGCGCAGTTT
GTCATCATGCCATTCTTGGCGATCGTGGTTGCGAAAATGTTCAACCTCAACCCAGCACTC
GCCGTTGGCCTTCTCATGCTGGGATCCGTTCCGGGTGGCACCTCCTCCAATGTGATTGCG
TTTCTCGCCCCAGGAGATGTGCGCTATCGGTACCATGACCTCTGTGTCCACCATTTGTT
TCCCCAATCATGACGCCTTTTCTCATGCTCATGCTGGCAGGTACTGAAACCGCCGTCGAT
GGTGGAGGCATGGCGTGGACTTTGGTACAAACAGTGCTGCTGCCTGTGATCATCGGCCTA
GTTCTGCGTGTCTTCTGAACAAGTGGATCGACAAGATTTTGGCGATCCTTCTTATCTC
TCCATCCTCGGTATCGGTGGCGTGGTGTTCGGCGCAGTCGCAGCCAACGCGGAACGACTC
GTGTCTGTGCGACTCATCGTGTTCGTTGCAGTTATCGTGCACAACGTACTTGGATACGTT
GTGGGATACCTCACCGGCCGTGTATTCAAATTTCCAGAAGCAGCAAACCGCACCATTGGCG
ATTGAAATCGGAACCCAATCCGCAGGCCTCGCATCGGAATGGCAGGACGATTCTTACC
CCAGAAGCAGCCCTTCCAGGTGCTGTGCTGCCTTGGTCCACAACATCACCGCGCAGTT
TATGTTGGGCTGGTACGAAACAGGCCTTTGACTAAGGCATCAAGGAAGAAGGAATCCGTC
GCGGTTTCCAGC

>naRXN02932-downstream

TAACTTATTTGCTGCCCCGTAGA

naRXN02934-upstream

TGGATGGGCCGTTGGCGGTGACCATGGTAGATGCGGATTCAAGCTGCCAGGCGCGCTCAT
TGAGTGGCTGGCCGTAGTAGATTTCTACAACCTCCGCCGGC

>naRXN02934

GTGGGTGCAGACGAATTCGATTTTCATCTTTGAGATTGATGCGCCAGAAGCCGGATTTCGCG
CTGGTTCGACGCGGTGGGGTTTCTTCTTCGTCGAGTTTCCACATGCGGGATTTCGAAGGA
GAGGTAGTTTTTACCCTGCTGGGCGAAGGTGATTTGCTGGCCGAATGCGTATTGTCCGTC
TTCTGCGGTGTCGGCTTGGCCTTCGCCGCGCCAGACGCCGACGAGAGGGAGGAGCGCGAG
GAGTCCGTCGTGGAGGTTGGGGCCTTCGCGGAGGTTAGCGGTGTCGTCAGGGATAGGAAG
GTCACC

>naRXN02934-downstream

TAGGCCTGGGATGTTGCGGTGAG

naRXN02936-upstream

ACCAAGTTCAGACAGCTCTGGGTGGACCTACCGGAGTAAAGGCGTGCCACTGACATAGC
AGTTTGGCCGTGGCGAAGCAACAAGAAACGAGTGGGATCT

>naRXN02936

GTGGTTGCGCCGTTCCAGTTGGTGGGTTTGGTTTCGGTGCAGTTGAGGTCTTCTTCTCT
GAGCCCCGAACCGAAGAAGCAGAAGATACAGAAGCAGAATCCCCTACAACACCTACCGGC
TTACCTGCCGTGCAGCATCCATCGCCACGTTGGACAATGCGTCAGCTCGTTTGTTTTTC
TCACGCGGAATCCACGTA

>naRXN02936-downstream

TAAGAAACGGACCCGATTTCCGA

naRXN02939-upstream

CTTCGAAGAAGACGATATCCCCTACGAAGTCGACGTGGATGACTTATTTATCCTCGGTGG
CTTAGACAACCTCATAAATCCCCTTGGAGTGATTGAGATA

>naRXN02939

ATGAATCTCCACTCCTTAGAGATTGCGCAAATTTTCATCCGGCACAATTTTACAACGAAAA
 ACTTGGATCTTTCCCACTGCTGCTCGCTCATTCAATCAAAATCTAGTACACCCGCAAAGC
 ATTGAAATCGATGCACAAACCGGCGTTATTTTGGCTATGGAAAACCGACTACAACGTACC
 GAAGTTGAATCAGTAGAGTACCCAACGGATCTTCTAATCCTGCATGGACAGGTCCAGCC
 ATTTCTTGGCCACTAAAAGACCCATCAATCGATTTCCCTGACCCGCTCCCCACAGCATT
 TCCGAATTACCACCTCAATCCGATAATCCTCGGCATTTGCGAGTATCCATCAGCTTAGAT
 GCAGTGGAAAGGTGCTTTTCCGCGCTACCGGATCGGAGATTCAATACGTATTCGCTTGTC
 TTTGCCCCGGGACACGCCCTTCATGTCCGGCTTAGAAAACAACACGTCGCGCCTGGATTGAG
 GCGGCCACGGAAATGGACATCCATAACACATGGCCCATATCCTCACCGGTGACGGCTGG
 ACTGCACTCTCTCATTAGACAAAACCAATACGCCACGAAGCCGAGTTAAAGGGATGGTTT
 TTCCACAGTTTGTTCGGCAGTGAAATGCCCTTGAATGATCTGAAGATTGAACGAATCTAC
 GGAGGCCTGGGTACTTTTCGACAGCGGAGCCACCCGGTGGCAAGAACTCACAGACAGAT
 GATGCCTACACAGAAAATGGCAGCTGGCTGTTGGAAGTTATCGTCGATGCCACCTTGAC
 GGTGCAATTCCACCACCACTTCAGCCACAACAGTTTGAAGCATCCATCACTCACATCGTC
 GATGAGCAACTATGGGTCTTGGGCAGATGCTTCCAGTTCTACGATGCTGGGATCTTGAA
 ACCGGAATAATACCTGGGGCAAACCTATGTACCTATTTTCGGTTTCTCATAGTTCTCGGCTT
 CAGTTTTTCGGAAGGGTTGATTACGATTATGAAAATGCCTGGTCGCTGAATCCTGGGGTG
 CGCATGCTTGGGAGCCACAGCCGTGGATAGAGCCTGTCATTGAACTCGACGTTCCAGCG
 CCATGGGAATTACAAGAAAGCTTCCCCGATGGGCTTACTCCCTAACTGATGGAGAGCAA
 ACAGCACTGGGTGGAAGCACTCCAGCAGGACAAATGGAAATCTGTGTAATCAGCAATGAC
 GGATCCAGGATCTTAAACGCAGGCCGAGTAGAAGACCTGTACTTTGTGCAATTCTGGGGC
 ATGACCGTCTTTTGAATTCCAACCTTCAAGTGCAAAGTGCCGAAGAACATCAGCTTGGT
 GCGAAACGTGAACGCTGGATTACACAAGAAGGCGTAGCTGCCAAGTTCACCGAAGAAGAT
 GAAATCGTATTCCTCGATCAGATATCTGAAAGCGAAATAACCAGGTGGAAAACACCAGAA
 GGATACTTCACTGAGGTCAGAATTCTGTACCAAACCACTTCAACATACTGGTTACTCCG
 CCTACTGGTTCTGACTATCTCAAACCAGTACCTTCCTCTGTCTCAGTGTTTAGAGACGGT
 CAATGGAGCAACATTAAATTCGAGGACGTCTCTGTAGAAATC

>naRXN02939-downstream
 TAGGGCTTTCGACGCTTGAGCCC

naRXN02950-upstream

TCCGCCCTATTTTCAGCAATGTTTAAATACCGGTGGAATCGTTTTTATTAGGATGGGTGGAT
 ACCTATCTTTAGTGAGCCGTACTAGCGAGAAAGCTGCCCC

>naRXN02950

ATGACTGTTTTCAATGTTCTCCATGACGCACCCGCACCACAGCCGGATAAAAAACCGCCCC
 GGTGTCAAACGTCTCCTCCAAGGTGATGGCGCAAACCTCATCGCCTTCACTTTTCAGCCCT
 GGACAGTCACTTCCCGACACCGCGCCGCACATCCCATCACCGTGACCGCATTTTCTGGC
 CAGCTCACCTTCAGTATGGCGAGGAAACCTTTGAGCTCTCCCCCGGTGTGACAGTGCAC
 TTGGAAGCAGGAGTTACCCACCGCGTGGACTGCCCGCCAGAAGCACCAGGCGATGCAAGT
 AATGCTGTAACTATGCTCACTGG

>naRXN02950-downstream
 TGAAAACACTCAGTCAACCAGG

naRXN02951-upstream

GATAATGAGTCAGAAAAATGAAGGTAGCACTACTTGCTGGATTAATTTTCAAGGTTTCTT
 TCAGAAATTAATCCATAGCCGATATTTAAGGTGAGAACAC

>naRXN02951

ATGAGCTCCACGCTCGCACGAAAAGCTTCAGGCGACGGTCCGAAAAGAAGAAGCCTGGC
 TTGTTTAGACGTGCGCTTCGTTTCTCACCCACCCACCTCACAAACAGGTAGACAACAGC
 CTTGCGGATATCCGTGAAGGATTAGGCCTCGGGGTGGACGATTCCACGAAGGATCCAAA
 CCCAGCAACGATCATTTCTTGTGCTGCATGAAAAGCCTGAAATTTCCGTGATGCCGACCGAA
 TCAATGGCACGGCTGATCTTTTATGCGCCTGATATGGATGGGCAAACAGACCCCGGTGAA
 GTAGTGTGGATTTGGGCACCGATGGCCCCAGCAACCAACCCGTAACGTGCCATC

GTTGTTGTTGGAAGAAACCGAAACGCCATTTTAGGTCTGCTCATTTCCTGCAACCCCGAG
CACCGCACTGATGAAGACTGGATCGACATTGGATCTGGCAGCTGGGACCCCTGAGGTGCG
CAAAGTTGGGTACGACTCGACCGCTTCTGGAGGTACCCGAATTGGGTATCCGGCGCCAA
GGAACAGTCGTCCCCCGGGGCGCTTTGAGCGTATCGCCAACCGCCTCCGCAACGATTTC
AACTGGGTC

>naRXN02951-downstream
TAACATTTATTTGGTAATTGGGC

naRXN02957-upstream
GCATGCTATTGCGCTCCGGGTGGGAGATTCTGTCGTCCATGCCGCGGTTGTGGTGGCGCA
ATGACTGCGCCCCGGGCACGGAATGGCTCCGGGTCACCAA

>naRXN02957
ATGCAAACTGCCCAAGGAGGAAGGGTCTACACCTCACTGATGGACGAGAAGTCCCTTTCC
CCGTTGATCGGTCTGCCGGGTCTGGGAGAACAACATCGGCCTGGGCGGACACTGGCACGGTCTG
TCGACGATGTTGCCGGTGCTCAACGGCATCGTCTACGTCGTTCTGCTGTTGCCACCGGG
CTGTGGCAAGGCATTATCCCCACCTCCTGGGACGTCTTCCCCGAGGCGTGGGAGACATTG
AAGGTTTACCTGGGCTTTCGTGCCCCAGGCATCGAGCACTTACCCCCCTA

>naRXN02957-downstream
TGACGCCTTGCAAATGCTGGGCT

naRXN02967-upstream
GGGAATCTAGTCGGCCTTCACCGGTGATCAACAAGTCAGTTTCTGGCAGCGCATCCTCGA
TTCCGTTGGAGCGGGCAATCAGTGGCGCGCCGGGAGGAT

>naRXN02967
ATGGATCTGTTGGTCTGTCGTCATGAGGGTGGACAGCCACGTCACTCCGATTGCAAT
GCCCCCGGCTGCGCCCATACCTGGCTTTGTGCCATCAACTTCCAGTTGGGCGCAGGCGTG
GTGGAGGGCGGCTCGAGAAGCGAAATGTCTTTTCGGTGGCACCTTTTGGGGCCCGAA
TACGGTGGCCGCGCCTGCGGGCCGGTGGCGGGGCGTCGACATCGGTGAGCAGGATCCA
TTCGACGGCGGCTGCGGGGATGTTGAGTTCGGCGGTATCGATGTAATCGAGGTTGATGAG
GTCGGCGCCACCGGTTTCG

>naRXN02967-downstream
TAGTGGTAGCCCTCTTGTGTC

naRXN02971-upstream
TTCTGGTCCGATTTTCGGGAATACAGCGAGGGAGAAACGTGGCACGCCATTCAAGTGG
GAATTCAAACCTAAGGTTATCTAAATCGCTAACCATTGCG

>naRXN02971
TTGATTGCCATCGTCGCTCTCATCGTGGCACTTGTGGTGTGGCTTTTTAACCGTTCAGAT
GATTCTGGCTCCACCACGACCACCTCACAAGAGTGCATCTCCGGAACTTGAGTCTGCCC
GTTGGTGGCGATTCCACCGCAGCCGAAGAATTAGTGAACAAATTTAATGACTCATCACCT
GTCAGCCGTGATTCTGTGTTGAGGCGGAAGCTGTGGACGGTAACGTCCCCGCTGCCACG
TACCTGTTGCTGGTTCTCGTTCTGATGCTGCCACCGCACTTGCTGAAACCGGTGCCGTA
GCAAGCAGCTCT

>naRXN02971-downstream
TAAAGCTCTTGGCCCTAGGTTGG

naRXN02978-upstream
GCCTCTTAAAATCAGACAATTTAGTGTTGGAATAGCTACAAGGGTCTACTGTAAACGAA
GAACGCTCGATAGGGCTGTGTACCTCAACGGAGGTAAAAC

>naRXN02978

GTGATTGATCGACCTGTATGGTTGTTTGAACCTTATAACACCGCGAAAGAAGTAGTATAT
TCGCTACTCATTGATCAAGTAACTGGGGAAAAATACAATACTCAAGAAGGATGATGGTTGG
CGAGATCAATTCATGATTGAGTCTTTCTTTGCTTATGATTGAGAAGCTGACGCGACCTCG
TGGAGCGGTAAGAACATGAATAGCTACTGGTTCGTTAGCGATCTAATCAGCAATATATCC
TTCGCTGAGCGATCCTTGGAAAGCTTTCTTTGGGCTCTTCGAGATCTTGAGGATCTTTCT
TCTAGTGAACCTGAATTTGAAGGGCTTGAAGAGCTGAATCTAAAGTTTGTGAGCTCCAA
GAATGGTATACGAACCTGGAACCTCCTTTTCAGCCGTCGGCTGCTGATGTTGATGAGGTG
GAGCAGTATCTGCAAGCTGAAGTGACAAGGCAACGGGGTGAATCAATGGTCTCCTGAG
TTTTGGATACCAAAGCCGATTCTACTATATCGACCATGCACTAGCGGTTGTCACAGAT
GTTTTGGGAGCTATTGAACAAGGGGAGCTGCGTGAAGAAGTAGAGGTGCAGCAGGCTTTA
GACGAGGTATCTGAAAATTGGAATCCTTTGGAAGATTCTGATTACTACTTACAGGATCAC
CGTGGGCGCCCTGTACAAGATCTTTCCCGGGAATGGAGGAGTTGGTCAGATGTCTAATG
CTTGACCAAGAGTGGTGGGGTGCAGAGGCAAGGATTAGAAAGCTTGTGAATCAGTTGAG
TGGGAGGATACTCAGGCGATCAGCTCTTTAATTGAACACGAGCAATATTGGGAGGATGGT
CGTTTTCGCCACCTCTACATAAGTTTTCGGAAGGACTAGACGAGCCAGAGCCCTTGCCG
ATGACGAGAAAAATGATACTTGCAGCAATCACCTGATGTTTTACGCGTAAACATTGCT
GATTATTATCAGCAGCATAGGCGATTGCTACTCAGAAGGTGGAATGTTATAAGGAAGTT
TTGGCATTGTATCCAGAGATTCTTAAGAAATTTGATGATTCTTTTCGTCATCGACAT
TGGATCTATAGGGCGTTTGATCGCGAAGGTCAGCTTTTGTATATCGGGGAGACAATAAAC
CCTCTTGACGGTTGAGGGAGCATGCCGGCTTAGGGTCTATTAACCACGCACATCATAGG
CTAGTATCGCCGTGGTTTTCTACGATGGCTACATTCATCTTGAATCTTGCTTTACCCAG
GCTGAGGCAAAAGAGAAGGAGGCTTTATATATTAAGCTGGAACAGCCAAGATATAATAAG
ACGCATAATTCTGCTAGATTGGCGGTTTTCTGAAGAAGGGGTGCCGGTGAACGAGGTGCCG
TCAAGAAATGATCCGAGGAATGTCGGTTGGAAGGCTCATAGGCACGTGCCACCAATGTTG
CCGATTGTTGCACGTGTTGTCGATGAATCGACAACACGTGAGGGATATGCGTTTTACGAG
GACAACCGG

>naRXN02978-downstream

TAGCGTTGCGATCTCTCGTGGA

naRXN02995-upstream

AAGGCAAGGTCGAGACGAGCCTTGTTAGTTCAGAGTCCTAAATAGGCGTTTATGTCAGC
TCGCGCAACAGGATACAATGAGCAACCGTGACGCAGCAA

>naRXN02995

TTGAACCACGCAAAGGTAAATCAACATCCCGGTCAAGCCACCCTCCAGAAACCGCAGAG
GGGCAGGTTTCGACCTACGAGGTAAAAACCTACGGCTGTCAGATGAATGTGCACGATTCT
GAGCGCCTTTTCGGCCTGCTCGAGGAGGCTGGATACGTTGCTGCTCCGGAGGACACCACT
CCGGATCTTGTCGTATTTAATACGTGCGCCGTGCGTGAAAACGCCGATATGCGCCTCTAT
GGCACTTTGGGCAACCTGCGCAGCGTGAAAGAAAAGAACCCAGGCATGCAAATCGCTGTC
GGTGGTTGTTTGGCTCAAAAAGACAAAGATACCGTGGTGAAAAAGCACCGTGGGTGGAC
GTGGTGTGTTGGTTACCCACAACATTGGTTTCCTTGCACACCTTGCTTCAGCGCGCGGAGCAC
AATGCCCAAGCGGAAGTCGAAATTGTCGATTCCCTCGAGCAGTTCCCGTCAGTACTTCTCT
GCAAAGCGCGAGTCTGCTTACGCTGGTTGGGTGTCCGTATCAGTCGGATGTAACAACACC
TGTACTTTCTGCATCGTTCCGTGCTGCGCGGTAAAGAGCAGGACCGTCGACCAGGAGAC
ATCCTCGCAGAGGTACAAGCACTGGTGGATCAGGGAGTTACCGAGGTAACCTACTTTGGC
CAAAACGTAAATGCTTACGGCGTGAACCTTTGTTGATCCTGAGCTAGAGCGCGATCGCAGT
GCATTTTCCAAGCTGCTTCGTGCCTGTGGTGAGATCGAAGGCCTCGAGCGGGTTTCGCTTC
ACCAGCCCTCACCTGCAGAATTCACCTCTGATGTCATTGACGCCATGGCAGAGACCCCA
AATATCTGCCCGCAGCTGCACATGCCACTGCAGTCCGATCTGACAAGGTGCTCAAAGAG
ATGCGCGTTCTTACCGATCCAAGAAGTTCTCTCCATCTTGATGAGGTCCGTGCGAAG
ATCCCTCACGCCTCTATCACCAACCGATATTATTGTCGGATTCCCTGGCGAAACAGAGGAG
GATTTCCAAGCAACCTCGACGTTGTCAAGAAGGCACGCTTTACTTCTGCTTACACCTTC
CAATACAGCCACGCCCTGGCACCCCTGCAGCGGAATATGAAAACAGCTTCCAAAAGAA
GTTGTGCAGGAACGCTACGAGCGCCTCATGGTTCGTTAGGAACAAGTCTGCGAAGAAGAA
AACCAAAAGCTCATCGGCACCAACCGTCGAATTGCTGGTCCAGGCTGGCGGAGGCCGCAAG
AACGATGCCACCAAGCGCATGAGTGGTTCGCGCACGCGATGGACGCCTCGTGCACTTTGCG
CCAGAGGGCGACATTGATGGTGAGATCCGCCCCGGCGATTTTGTCACTGTACGGTGACT
GAGGCCAAGCCTTTCTCTCTCATCGCAGACTCCGGTGTGCAGACCCACCGCCGACCAAA

GCTGGTGACAACTCTGCAGTTGGTCAAGTTCCAACCACAGCACCGATCGGTGTGGGCTTG
GGACTGCCACAAATCGGCGCACCAAAGGTGGCTCCTGCCACAGAATCTGCCTGCTGCTCC
ATTAAC

>naRXN02995-downstream
TAAAAATTGCAGGCTAGAATAGA

naRXN02997
CCCCTACCGGGCCAGCCCTTTGAGGGCGAGGCTTTAACGCTTATAAACGCCCTCCTCCAC
CACGCCGAAACGTGCGAGCCTCCAACCCCTGGAAGCGCACACCTTCCACACCGCTCAC
ATGCACCCTCCAGGGAGTAATGCGGATTGTGACTACTGCCTGGTGTGCAACGCCGCGGA
TACGTTAAAGCCACGAAGAAATCCAACAAACCATCCCCTTCCCTCAGGTGACTGGTCC
GCTGGAGAATTACCGTGGTGGACGTTGAAGGCACCGCCTTCCCAAGCGCGCTGATCCCC
AGCATCGTGGAACTCCAACACCGCGCAGCCCTCGATGTGCCCCACGGAACTTAAGTGTT
GCGCCTGCACAGTGGGATGAACACCGCTTGGCGCAGCAATCTGAAAGAATCCTTAAACA
GGAACGAAACTGTTACCGTACTGTTTGCCGAAGGATCCACAGTCGCTGCCATGTCCTCC
ATCGCGATTCCCCAGGCTCCAACCCCTGACATCGCCGAACAGGGACTGACCATCGTGAC
CCAGATTTAGAGGCCGTGGTCTTGAACCGCTGTGAAATTAGCGGGACTGTCACTACTT
TCGAGGTGCCACCCAGAAATTCACGCGTAGCCACCTCAAATGCAGTAGACAACCATGCG
ATGCTGGCGATTAAACCGCTCCATAGGGGCAACAGAGATCGCCGAACCACCCTGTGGGAG
AAGAACTC

>naRXN02997-downstream
TAGGTGATGGAATTCGAGACCAA

>naRXN03001-upstream
CCCGGTTACGTGATCAATGACTTCACGAGCACCGATGAAATCGATGCTGCGCTTCGTGA
ACGCTACGACATCTAACTACTTTAAAGGACGAAAATATT

>naRXN03001
ATGGACTGGTTAACCATTCTCTTTTCTCGTTAATGAAATCCTTGCGGTTCCGGCTTTC
CTCATCGGTATCATACCGCCGTGGGATTGGGTGCCATGGGGCGTTCCGTGCTCAGGTT
ATCGGTGGAGCAATCAAAGCAACGTTGGGCTTTTGTCTATTGGTGCGGGTGCCACGTTG
GTCACTGCCTCCCTGGAGCCACTGGGTGCGATGATCATGGGTGCCACAGGCATGCGTGGT
GTTGTCCCAACGAATGAAGCCATCGCCGGAATCGCACAGGCTGAATACGGCGCGCAGGTG
GCGTGGCTGATGATTCTGGGCTTCGCCATCTCTTGGTGTTGGCTCGTTTCACCAACCTG
CGTTATGCTTTGCTCAACGGACACCACGTGCTGTTGATGTGCACCATGCTCACCATGGTC
TTGGCCACCGGAAGAGTTGATGCGTGGATCTTC

naRXN03005-upstream
TAGGTAAACCTTAAACAGTCGCCATTGAAGAATTTTAAAAACAAACCTTCAACGCGC
TAACAAGCATCTTCCCACTCTCGTTACCGGAGTTTCTCAC

>naRXN03005
ATGTCTCACAAAGTTTCCCGCCGTGCTTTCGAGTACTGACCGCTGCCGCAATTTCCACT
TCCGCTTTCGCAACCACTGCTCCGTCTGCGATTGCAGAGCCAGTTCTAATGTCGCACTGC
AGACGATTCCAGCGTCGCAACTTCAGAAAACCTCCCTCGACTGGGGCTTCAAGGCTTCCTG
GCGCACCTATGTACCGGACCTTGGACTGGTGAACCGTGACGCAACTGGCGGTGCAACT
GTCAACGAAGATGGAACCTACAACCTCACCCCTCGAACTGGCTCCAATTACGACGTCGAC
ACCGAGAAGGGCCAGCTGAACCTACGAAGGAAGTGTGCCTTCCCGAGTGACGCTCACGGC
TTCAACATCACCTTGTCCAACCCGCAGATCACCGTCGAGGGCGACACTGCAACTTTGAGC
GCCGAGCTGTCTGACAAATGCCGCTCCCGAAGAGACCTCCACTACTCGCGTTGATGTTGCT
GAGTTGCAACTGACCGCTCCTGAGGTTTCAGAAACCGATGCGGACATTACCTACACCTGG
ACCGATGCTTCCGGCACTTTCTTGGAGACCCTGCAGCCTGAAGAATTGAGCCGTTACGCA
GGCCAGGAAGCGGATGCGCTGAGCTTCTCCATCACCGTGGACAAGGCTTCAGAGAACCCT
TCCGATGATGTTGCTACCGGATCTTCTCCAGCTTCTCTCCACCATCTTGAACCTTCCTT
CAGCAGCTGGCGAGCCCACTGCTCAAGCTCTTCGGTTCGCTTTCTTCC

>naRXN03005-downstream
TAAATAATCAGTAATGCCCCACC

naRXN03009-upstream
ATGTGAACCTGATGCTGGCACCTGAAGATAGCCACAGCCCAGGCACCGCAACAGTGACCT
ACCGTCATGTTTTAGCGATCACCGTTTACCCTGCACTGC

>naRXN03009
GTGGCTAATATCGCCAGCTTGTACGGACTGTGGGAAGGCAGCACATCCACACCAATCGAA
CAGCTCGTACCTGCGAAAGGTTCCAGCTTTCGTTTGGTGAGGTCTTTTTACAGGCGAATT
GACGGCCAAGCAGTTCAGGCTCGTCTCAAGGAGAAGATTCTCAACACCGCGGAAAACCCG
CTTCCTCGCTTGGACATTCCAGGTAAGGAGCGCACTGCGCAGTACCCAGAAAAATCCGGAT
ACCTTCGCCCAAAAAGCAGCTCAAGAAATTCTTGATGAGTTCAGAACTCCACTGATCGGT
GAAGAAGCTGCAGCTCATGTTGAGAAAACGAAGACGATTTTCTGGAAG

naRXN03010-upstream
TGGGCGCCTTCAATCGGCACCCACTGAATGGATTCTTCCGGGCCTAGTTTTAGGGCTGAT
CAGCCTGGGACTCAATGCGTGGATTACCTTCGGTGCGCCA

>naRXN03010
GTGCCCACCGATAATCTTTTTCTCATCGTTGCTGGAATTGCGTGGGTGTTGGCAGGAATT
TTGAGCGTGCTGTCCATCGGCAAGTACATGTCAGCAGTAAATGAGCGAAAGTCGACAGGC
TTTTATACAGAAGTGCCGTGGAAGAAAGCGCTTTTACTGCGACAGCCGTCCTATTGGTG
TTTGCTGTTGTGTGGTCGGCCTTGGATATTGCCCTGTGGGTAGGAAAGCAGTCATGG

>naRXN03010-downstream
TGAACACGTTGAACTCTAAAACC

naRXN03011-upstream
CCGACGTACAGTTTTTGTGCTTCCACCCCTGGACTAAAACCGAGACGAGAACCAAGAAG
ATGAAACCAAGGGTAAAACTGGTAGTCTCTTCCACGTC

>naRXN03011
ATGGCATAAGAACTGATTCCCTCAACCGACGCACCCTCGGGCCCGCGATTGCAAGCGCA
GTCGTGGGAATCGCCGTGGCGCAGTCGCAGTAGTTGGGGTTTCAATGATCTCAGGGCAG
GACACTGTTCCCACTGGTAACGCCGTAAGTGCAGACGATGCCCTGCTCGGTGGCCCTGAG
TATGGTTCACGCGAAGCAGAC

>naRXN03011-downstream
TAAGAAGCCACTTCCCCGTTTTT

naRXN03012
ACCACTATCAACATCATCATACCAATGGCGCTGCACCACACCCAACTAATCTCAATCGC
GCAGAAATTCATGATCACTACCCCTCACTGCCTCTGATTCGGAGCTAACCCGCCCTCC
CAGGAATCAGTTCCTATGACCATGAATCCGAAACTGTCTTGCGCACCATGGTCATCCCT
GCAGACCTGCACGTCGCTATGAAGCATCTAGCTAAAAAACACAACCTCACGGTCACAGAG
ATCTCGCGCATCCTTCTGCAGCGCTACATCGACCGCAATATTAACCATGTAGAGCAAAAC
CAGGCTGAATCCGACATGGTGGAAGTCTTTGCCAGCCAACCAACCAATGCAACCGCAATG
ATCCCTGTACCTGGAACCAAGCTTCAGGCAATATTTATCAAGCACAGCACTGGTTTCTGG
AAAAACATTGATCATGATCTTGTGATCTCGACGCCTCTAAGACCCCGCGTGACGCGAC
CGCAGTGTCTTACCACAACCTCAACTCCACAGAGCGTTGTTATCAGATGCTGATATGGCT
CGCCTTGCAGCACAACCTGACCGACAAACAC

>naRXN03012-downstream
TAAAACCTCCACAACAAGGACAT

naRXN03017-upstream

AACTCAATATTAAAGTCGCGTAATTAGTGTATATTAATTACGCGACTTTAATAGTTTTTC
GAATACGTAGATTCTCGAAATACAGCAGAAAGCAGGGGTT

>naRXN03017

ATGCTCGATTTCATTGAAAAATCGCTTCACCAAAGCGAAAGGTTCTCATGGAGTGGGGGAG
GGGGCTGTTTTCTGGCGATGCAGCAGTAAAGCCACTGCGCAAAGAAGAACGACTCGCCTCA
GTCATTTCAGGAAACCGAACCAGGTGCTGCAGTCGAGGTCATGCGTCGCAATGACGCATTTC
GCTTTGCCAGGTGAGACCGGTTGGGTAGTCATGCTGTTGCCAACTCACGATTACAAATTC
GGTGGGCTCAACGCTAAGGAAAAGAACCGCGAGGATAAAGGCACGATCATCAACCTGGTG
GTCAACGATGATATTCATTCCGTTGTCACTCCAGAACTTCTTGACAGCGATGTGCTTGGT
GTCATTCTGTATGCAGATTCTTTTCGATCGCATGGATGAGTTTGATTTACTGCGTAACAAA
GCACGCTGGCACTACGGAGTGGCTGCAATTGAACCTGACACGGGTGAGCTGGTGGTGTTC
AAGGTGCCCCGCAAAAAATAGCGCTTCGGCACGCGGTGACATTTTTTCCGAGGTGCGCGAT
GTGCTTAGCGGTGCTGCTGACCTCGAAGACGTGGTTGATTTTGAGGTCATTGCCACCTTC
CTAGAGGTGCTGAATGAGACCTCTGAGGTGGATATTGATGACGAAGATGGCGACGTGCCT
TATGGTCTTGAGGGTGTCAATGCAGCGGGAGTTATCACGGATGACCTCATTCGCGAGAAG
CTTGATGTGGATTCTATCCGAGCAGTGCAGAGATCATTGACAATATTGTGCATGTGTTC
ACCAAGTTGCAGGGCAAGCATCATGTGGCACCACAGCCGGTGCTTCACAGCGCAGACGTA
GTGGATGTTGATGCACAGGAGTCCCATGACACAGTGGTTATTGAGAGCCCTGATGATGTC
GCACTAGCAGAACAGGTGGATGTACCGGATTTCACTGATGGATTTGGTATTGACGATGCC
GAGGTTACTGAGCCAGAGGATGAGGAGGTTGTGCAAGCAACAGCTGATGCAGATCCTTTT
GGTGATGTAGCAGAAGACGATCCTTTCCGGCAGTGATGATGAACCAGATTTTGGTGATCC
GATGTTGTTGCTGCACCGGCACCTGTAGCCGGCATGTCCGATGAGCAGATCCAGGCGCTG
ATTCGTGGTGTGCTGAGTCCGTGCAAGCAAGACTGGTTCAGAACTTAATGCTTTGCGA
GAAGAAGTTGCACAAGCACTGGCTTACAATCCGGTTCAGGATTCACAGGCAGCATTGGCA
CAGGTGCACGCAGCTGATGCCCGCAGCTTTGATGCCGATCAAGTGGGTGATGCTGTCAAC
AAACGTTATGTTAATGACGACTTGCGGCTGTATGTGATGAGGCAAACTTCAATAATGCT
TTGACCAGGGCACCGTTCAGGTGGCGATGCCGCAATTCAGGAGACTACACCGTGGTTA
GGTGATCAGCTTCGTACATTGGTGGCTGTGTTTAAATGGTCAGCTGCTTGATCAGCATCAG
CGTGACTACCGAAGAAGTGCGCGCGATGTACATTGCGCT

>naRXN03017-downstream

TAATGATCGCTTAATCTTGAGA

>naRXN03018-upstream

GTGGCGATGCCGCAATTCCAGGAGACTACACCGTGGTTAGGTGATCAGCTTCGTACATTG
GTGGCTGTGTTTAAATGGTCAGCTGCTTGATCAGCATCAGC

>naRXN03018

GTGACTACCGAAGAAGTGCGCGCGATGTACATTGCGCTTAATGATCGCTCTAATCTTGAG
ATCGCTCGTGATCTTGACTGGATAATAAGGATTCCGAATTCTACGAGGTTACCGTGCC
ATTGAGCGTGACCGCATGTTATGGCTGGTGATCAACAGCGTGTGGAGTCAGAGCGTCGT
CAGCAATTGCAGCAGGAGTATGAGGCGAACCGTGAAGAATATGTCATGGCAAAGATCGCG
GAGCAGCGCGTGGAGTATGATCGCCGTCATATGCCTCGCCATACCGCATCACTAGAAGCG
GTAGGTGAGAGCTGACGAGCCTGCGGGATCGCACCATTGAGGATTACACCGCACGCATG
AACACGCTGCGTCGTGCACGTGCTGGTGAACGGGCTAACGCTGCAGAATCTCGCATTATT
GACGAATTGCGCCGATTGTGGAGCGCCAGGCAGAACTGCAACGAGCAGCTTTCGATGGT
TTCATTGTTGATCTTGACAAGTTTATTGCTGATCACCGCGAAGATGACCTGCGTTTGGA
TCGGTGAATGAGCAGAAGCTTGCTGCAGATAATCGTGTGGCACAGTTGACCAAGGAAGCC
GAAGAGCGCATCGAGGTATCCGCGTCGAGACCGATAAGATGATCGCCTCCAGCGCAAG
GCACCTGAGCGTCAGGAAGCGGAATTTCGAGCAGAGCTTAAGCGTCGCGACACTATTGTC
GCTGCATCGGAGGAACGTGCTGAGCGGGAAATTACCACAGCACGTCTTGATGCTGAGGCG
GCGCTCAAGCGCATGGAAGAGCAAATTCGTGTAAATAATGAGGCGCATGAGGCGGAGATT
GTTATTGAGCGCGATCGAGCCACCAAGCAGAGGCGAACTCCATGACGTTTGTGAGTCA
GTCAAGCAGCAGGATCGCAGCAACAACATCATTTTGATTGCCGTCCTCATTGTGGGGCTG
ATTGCCGGCATGGTCCGTGGCGCAGCCTTCTTC

>naRXN03018-downstream

TAAAAGATCGTTGCGCGGGCTGT

naRXN03024-upstream

CTCTACCCACTTAAAATGGACGCATATTTCGCAAGATAAGGCATGCTTGGATGAATAGATT
TTAACTCAACGTTTACTAAACAGAATCGGAATTAGGAGCC

>naRXN03024

ATGCTTGAACGCACACAGGTATTTCGTGGATACGTCTTACCTGCTCGCAAGCTTTTACAAC
TCTTGGGAGACAGGGGCACGTGCCCAATTAGAAATCGACCTCCCCGAAGTAGTCGGGGTA
TTAGGAAGGATGATTGAACAACAACCTAAACAGCCAGTACAACGCCAAATGTGGTACGAC
GGAATCCCCGATTCCGGCCCCCACCCTATCAACGAGCACTACGCACCTGCGATGGTGTG
CAACTTCGTGCTGGCCAATTAATTGAATGGGGCGAACGCCGCACACAAAAGGCAGTAGAT
ACCCGCCTTGTGTCAGACCTCGTTCTCGCAGGTGTTTCGCGGACAATGCTCCGATATCGTG
CTCGTCAGTGGCGACGCCGACATGATCCCCGTGTTCAAGAAGCTGCCAATGCAGGCCTT
CGCGTTCACCTCTACGGCTTCGGCTGGGATTCCATGTCTCCCAACTGCGCCACTGCTGT
GACACCACCACCATTTTGGATCCTCGAGAAGATTTTGTCTGAATGCATGCAGCTGCAGGTT
CTCGAAGGTCCACTACCCCCCTGTCTGTTTCGGGTAAAGCCCATCAACGATGCAGAACCCATC
GAGGATTTGGATTTCACTCCAGTTCAGGCGTCGCCTCACCATTTGAAGAGGTCAGCGCG
AAAGATGAGAAATTTCTCTCCACGCCCAAGTGAACTGCCGAAGCTTTGTGCGGAACAGGTC
TGTGAAGCGCAGTATGAGATCTCAAACACGAAGGTCAAACCGCTGATTTCAGGAGAAATC
ACCGAGTCTTTTCGAGGCCGCTGAAATCAAGGTAAGTGAATTTTTTGGAGAACCAGCTGCT
CCAGTAGCGGAATCAGGCGTAGAAGCTCCCACTCCGGAAGCTCCACGGTTCCTGAAGCA
GCTAAGCCCACTCCGGCGGAAACCTAAGACTCCAAAGGCAGAGCCCCAAAAGCAAGAATCC
CCCAAGCCGGGAACTCCAAAACCAAAGCTCCAAGCCCTGCGGATATTCACCCGAAAGCC
CCAGCTGACACTGAGGAACATTTCGGAAGTCGAAGCTGAAATCGAGGACTCACGTCCAAAG
ATCCCCAGCCCTTCGATGATGGCTCCCCGCCGCAAGCTTCGTTCCCGCTACGTTCCGCTT
CCCAACGAAGTGTGGGCAACAGCAGGATTCCAACTCCTTACGATGTGCGGGCAACAGTAC
GCATCGTGGTGGTTTGAACACGCAGCTACCAGCACTCAAAGAGATCAGGCTCATCTATTG
TCTGGTGGCGGACTTCCACCAGAGATCGATCGCCCGCTTCTGCAGTTTGTGTGAACT
CTCCACGAATACACCCTGACTGAAGCGCAGCGCTAGCTTTACGCGATGGCTTTCCTCC
GGAATCCGTGGTGTATTGCTCAACCAGCGAGATAGC

>naRXN03024-downstream

TAGAATCACAAAAAACTGGGGCT

>naRXN03025-upstream

AGCGAATCGGATTCACTGATTTGCTTGCGGGCGCAGAAATGATTTTTCAATTAGACACAC
TTAGACACACGTAATAAAACCTCAGGGAAGTACTGATA

>naRXN03025

ATGGCTAATCCGCTCAGCAAGGGCTGGAAGTATCTCATGGCATCGTTTCGACAACAAGATC
GATGAGAATGCAGATCCAAAGATCCAAATTCAGCAAGCTACAGAAGCTGCCCAGAAGCAG
CACCAGCAGATTATGCAGCAGCTTCTCAGATTATCGGTTCAGCAGAAGCAGCTTGAGATG
AAATTGAACCGCTTGGTTACTGACCGGATAAGTTGCAGGAACAGGCTCGTTCAGGCAATT
CAGTTGGCAGATAAGTCCGCAAACGAAGGCGACAGTGTAAAGGCTCAGGAGTTCAACAAC
ACTGCTGAGGTTTTTGTCTCCAGTTGGTAGCTGTGGAACAGCAGTTGGAGCAGACTACT
GCGCTTCATCAGCAGGCTGAGGTTGCGGCGAAGGATGCTGTTGCGAAGTCTAAAGAGTCT
GAGATGCGCCTGAAAGAGCAGATGTCTCAGATTGATGCTCTACGTGCGCAGGCTGATCAG
GCGAAGATGCAGGAAAGTGTCACTAAGTCTATGGATTCTTTGAATCAGTTTGGCACTCAG
GATTCTTCTGTTCTTACCCTTGATGCGGTGCGTGAGAAGATCGAGCGTCGATACCGCAGAT
GCTTTGGGCGCGCAGGAACTTACCCAGAACACTGTTAGTGATCGCATGGCTGAGATTGCG
CAGTCCGGCACCGATATGCGGGCGTCAGCTCGTTTGGCTGAACTTCGCGCGGAGGCGCTG
GGCAGTCCGCAACCGCTAAGGGCCAGCTAGAGGCAGGTGTCGAGGATGCGGAAGAATCT
ATCGACGAAACCTCCACCCCTTCAGCTACCCAGAAACCGCAAGCCAGAGCTGATGCT
CCAGAAGCATCCGCAGACGAGTCCGAGAAGAAA

>naRXN03025-downstream

TAACCTAAACACAAAAAACTGGG

naRXN03027-upstream

AATAGGAGAATTTAAA

>naRXN03027

ATGGAAAACGTTTACGAGTTCCTTGGAACCTTGATGTCCTTTCCGGCTCCGGCCTCATC
GGCTACGTCTTCGACTTCCTCGGCGCTTCCAGCAAGTGGGCTGGCGCAGTTGCTGACCTC
ATCGGTCTGCTTGGC

>naRXN03027-downstream

TAATTAACCTCGCCACGGGCAA

naRXN03029-upstream

GGTGTGGCTTCCTATTCGCTGCATCCTGAATATGCCATCAAAATCTTCACTCTGAGGCCG
AAAAATCCGGTTATGACATTAAGTACCTAGGACA

>naRXN03029

ATGTTTGGAGTGGGCTATTATACAACCGCCACCGATTGTCCACCCTGCAGCGCCCCAAC
TTGCGCGGCATCCCCCTAACCTTCGTGAGCGTCGACCGAGCCGGCAACATGTCCAAACGC
CAATCCGCCACGGGCTTCACTTCACCCATTACGGCGGCACCTGCCCCCTGTGGAACGTG
TTTGAAACCTTCACCAACCCCGGCCAAGTGCTCCGCCAATTGCGCAAATGCCCGACGGA
CGCAACTACCTGTGGATCTCAGCACCGTGCGACACCACGAAGCCCGGTTTCGGCGAAGTA
GACAAAATGTTTCGCCATCGGCTTGGGCTGCGAAGCGCGCCACGCCGACCGCACTGTGTAC
TCCCGCGGTTTCAACCTCCAGGACCTCTCCACCGCCACCCCATCGGGTCCGGCTGCCGA
GTGTGCACCCGCGAGAAGTGCAGCGCAGCGCATTCATCCGTCCACGGCCGCATCAAC
ATCGACGCGCACGAATCCACTATCGCGCCGTAC

>naRXN03029-downstream

TAAGAAAAGGAGCTTGCTTTACG

naRXN03031

AACAACGGCCTTAACGCCATGGCCGCGATGACCAACCTCCACACCTGCGCGCCATCCAA
GAACGCTACTACTTCCTGAGCATCCGCTACCTCGCTCCATCATGATCGCCGTGGCCAAA
GCAGACCCACCCCTGTGGGAAGAACTCGACCTGCGCATCACCGACGCCTTAACACCAGTC
ACCGCAGGGGAAGTGATGATCCAATCCTCCACCCTGTCCAAACGCATCGCCGCCTGGATC
AAAGAACTCGACCCCGAACCCACACCAGAGCCCATACCGAAAGAGGACTATGTTACGTC
CACACCACTGATGAGGCGACCTATGTCCGCATCAAAATCAGCGGCCCAACCGCCTGATC
CTCAATGACATCATACCCAACTCAAAGACACAGACACCGAGGACAGCCTGCCTGAAGCG
CTCATGGCGTTTCCTGATGGAGAAAATCCAGTTAAAGATCACCAGTACCTTTTACCCCCA
CATAAGCACCCCTGAGCAGGTGTGGTACCGGACTACGGTGACATTGGTCCCGAAGCCTAT
GCCAATGCCACCCCTCGTGTGCGCCAAGGACTTAGATGAGGTCGCTGGAGCCACGGAGAAG
AGCTACACCCCGAGTGAGAAGATGAAAGCCCTGATCAGAGCTCGGGATGGGCATTGCCGC
TTCCAGGGTGTTCGTCGCGGAGTAAATGCCAGGTCGATCACATTATCCCGTGGGCG
GAGGGCGGCCGACAGCGGCGTGGAACCTGCAGTTGTTGTGCCAGCGGCATCACAATATG
AAAACCGAT

naRXN03032-upstream

CCTGGTCATAGGATACTTAGCTCAACCACACGGTCAGGGCCAGCAATTCTCACGTTTTA
CCAATCCGTAAGCACACCATCATGGCCTGGTGCGCCGCT

>naRXN03032

ATGACCGACGGGACTTAGACGCTGATATCTACCCCGCCAGATCGGGTTGATGACCACC
CGAACCGTGGTCGAAATCGTTTCGACTACGCCACATGATTGCCCAACAAGTAGAAAGAGCC
ACGATCATGGAACCGAGTACCTCAAAGAAATCGCAGCGCTGAAGAAAGAACTCGCGCAC
TACAAGCAAAAAGACCATCAGAATCAAATGGTGATCGATATCTTGGGAAAAGCTATTGGG
ACCAGGCCCAATCTGGCGAGGGCTTAGACGAGGAGGACGCCACC

>naRXN03032-downstream

TAAACGTGGATGAGCAACGCGCC

naRXN03034

TTCCCACCAGATCGAATCTCCGCCAACGGGCGACGCTATTACGAGCCACAAACACGACTC
GAGTTCATGCGGATCTACACCACCCTGCCGCACGGCTACCGCCAGCCCTTCCTTAAAGCC
AACACATCGGCCACTGCACCGTTCGAACCTGGCTAGCAGCAATAAGCACCTTCAGCCGA
CTTCCCCATGCTTTTGTATGATGCCACCGCTTCGGGATCGAACGCACCACCCAGTCGAC
GATGTCACCACACTAACGGCTGATGACAAACGTGACCTGGTCATAGGATACTTAGCTCAA
CCACACGGTCAGGGCCAGCAATTCCCTCACGTTTTACCAACTCCGTAAGCACACCATCATG
GCCTGGTGCGCCGCTATGACCGACGGGGACTTAGACGCTGATATCTCACCCCGCCAGATC
GGGTTGATGACCACCCGAACCGTGGTCGAAATCGTTCGACTACGCCACATGATTGCCCAA
CAACTAGAAAGAGCCACGATCATGGAACGAGTACCTCAAAGAAATCGCAGCGCTGAAG
AAAGAACTCGCGCACTACAAGCAAAAAGACCATCAGAATCAAATGGTGATCGATATCTTG
GGAAAAGCTATTGGGACCAGGCCAATCCTGGCGAGGGCTTAGACGAGGAGGACGCCACC

>naRXN03034-downstream
TAAACGTGGATGAGCAACGCGCC

naRXN03037-upstream

CGCTAAAGACAAATGACAGCGAAGCTGCATTTCGGATACACACCTGAAGAACTCTTCA
CCACTAGCATTCACCAACGCCTCGGAAAGGGCTATCTCC

>naRXN03037

ATGTCGTGTGACGATCTTTACGCTGTTGCTCTCGATACTCACACCGGTAAGCCTATCCCC
TGCGTACTCTGTGAAATGCTCCACAGATTGTTATCTACGATGGTTGCTGCTCGCTTGCA
TATACCCAAGCACTTGCGGATCTCGCCGAAGCGGAATACTACGGCGCCGATCTTGCTGCA
GCTGCC

>naRXN03037-downstream
TAAACAACTTCATAGAACGACA

naRXN03041-upstream

ACCGAGGAACTGAAGGAAAATGTAGGTGTCGGGGCTTAGAGAAACAAAAAGGCTGCTAC
GCGGACAGCATGTGCACGTGCTGCTGCGGAGATCGCCTTG

>naRXN03041

ATGGAAGGCCCTGAGGCGTTACGGTTGCGGCCATTGCAGCTGCAGCCGGGGTCTCCCCC
AGGACTTTTTCATACTACTTCCCTTCTCGGGAAGACGCATTGGTGCAATTTGTGGTCATT
CGCGTTCAGGAACTCACGGATCAGCTATACGAGTTTCTTACAAGCGTGCCCCACGAGAT
GCCATTGAACAATTGGTGATAAACCAATTGCGGGATGGCGATGACGCTATGGATTCTTTC
AGCGCAATGTTTGAATCGGTGAGATCCTTGAAAATCTTGACCCCATCAAGTGTGTTATC
GATAAGGAGCGACTCATTGCTCCGTTGCTTGAGTTCATGGTTGAACGTGACAAAGACCTT
GACAAGTTCGATNGCGGCAACTCTGATCCATTTGCATGCAGCGGCAATTGCAACCTCGCT
GCATACGTTTTTACCAAGCTTCCGAGCCCCGGGACATAGAAGATGGAGTCGCATTGATCCG
TCGGGCATGCGCCTGGAT

>naRXN03041-downstream
TAAGAAANTAAAAATCTSTGACA

naRXN03045-upstream

AGCTTTTCTATTTCGAAAAATAGCCTTGTTATTCGAAAAATTTGATCGGGTATGGTGGTTGG
TATTAGCACAGGGAATAAACGGGAAGGGGGAAGACACC

>naRXN03045

ATGAGCATCACACACAGTCCAAGCACTACCACAGCACTCAACGCCATCGACAACCAT
TTGGCCAGCATGCTTGACCATGGTGTACCCCAAGCAATAACAAGGCCATCGAGCCCGAC
CTCATCGCCCTAGAACACACCATCAACCACCGCCACCATCGCCGCCCAACCAACCGCC
CTCGCCGAACGCACCAATGCTGCGCAGTCGATTGGCTCCACCCACCTCATCGACTACCTC
ACCACCACCTTCGGCCTATCTAAAGCACGCGCCCAACCGCATCAATCTCGCCCACTCC

CTCTACCCCATACCGAAGCCAACTCTGGATCTGGCAACGGCGGTAATGGTGGCAATCCC
GACGGTGGTCTGATGGTGGCGACTCGGGTATGACGACTCCGGCGATGATGACCCCGAC
CCCGAACCAGGACAAAGCCTGAAGACGGCAAACCTGATAGTGATAAGCCCCGTAGGCCACGG
ATCAGCGCGGAAAAACACGCCATCATCACCGACGAACTCGCCCGCCTCAACCCGAATACC
ACACCCAGCGCCGAGGAACTGCGCAACCAAGCCCTGAGTCAGGCGATCTGGCGCACCCCA
GAAGACCTCCGCACGTGGCTACGCCACCAGGTCAACACCGCGAACAAAAACAACCCCAAC
CCCATCACCGCCATGAAAAGGCGCTACCTCTCAGTAGGTAACCCGATGCCGACAACATG
GTCCGCATCAGCGGCCTCGTGCCCGCAGCCACCGCAGCACTGATCACCGCGAACACCGCA
CCGTTAACCACGCGGCAACCTCGTGGATCTACCAGCAGCAGAAGATATGCGCACCCGC
GGGCAACGCCATGCGGACGCGTTGCATCACATCATGGAGATCTACAACCACGGTATTGTC
ACCCAGCTCGTGGTGAACAGCCAGCATCATCTCCATGACCACCGATGATCTTGAC
GAGATCAACCACGCCAACAGCAGTGGTGAAAGTCTG

>naRXN03046

GCCTCAATTGCTAATTCACCCCTGAATATTCCAGTGGGATTGGGCGGCTCCAATTTGCTG
CTCAAGGCGCAAACCGCGACCCCATCTGAGCCTGCGAATGCTCAGGACAACTGTACCGT
TTCTGCATCGCCATGGTAAGAGGGCATTTTCCGATGCGCAGCGATTCTTGCTCAACGCC
GACGAGCTCGCGGAGCTTTCTGATTATGAGCGTCTGGCTTATGCCATCACCTTGCTTGAT
CAGCCTGGAAGAAGCAGAAGGACGCGAACTTTTCTTTTCGGAGCTTCGCCGCCAGGG
CTACCGCGCTGTCGATTTCTTGGAATCCCAGACTGT

>naRXN03046-downstream
TGACCAGCTGAATAACCCCGATG

naRXN03047-upstream

CTCTACCCACTTAAATGGACGCATATTGCGAAGATAAGGCATGCTTGGATGAATAGATT
TTAACTCAACGTTTACTAAACAGAATCGGAATTAGGAGCC

>naRXN03047

ATGCTTGAACGCACACAGGTATTCGTGGATACGTCCTACCTGCTCGCAAGCTTTTACAAC
TCTTGGGAGACAGGGGCAGTGCCCAATTAGAAATCGACCTCCCCGAAGTAGTCGGGGTA
TTAGGAAGGATGATTGAACAACAACCTTAAACAGCCAGTACAACGCCAAATGTGGTACGAC
GGAATCCCCGATTCCGGCCCCCACCCTATCAACGAGCACTACGCACCTGCCATGGTG
CAACTTCGTGCTGGCCAATTAATTGAATGGGGCGAACGCCGCACACAAAAGGCAGTAGAT
ACCCGCCTTGTTGCAGACCTCGTTCTCGCAGGTGTTGCGGACAATGCTCCGATATCGTG
CTCGTCAGTGGCGACGCCGACATGATCCCCGGTGTCAAGAAGCTGCCAATGCAGGCCTT
CGCGTTACCTCTACGGCTTCGGCTGGGATTCCATGTCTCCCAACTGCGCCACTGCTGT
GACACCACCACCTTTTGGATCCTCGAGAAGATTTTGTGTAATGCATGCAGCTGCAGGTT
CTCGAAGGTCCACTACCCCTGTCTCGTTCCGGTAAAGCCCATCAACGATGCAGAACCCATC
GAGGATTTGGATTTCACTCCAGTTCCAGGCGTCGCTCACCATTGAAGAGGTCAGCGCG
AAGATGAGAAATTTCTCCACGCCCAAGTGAACCTGCCGAAGCTTTGTCGGAACAGGTC
TGTGAAGCGCAGTATGAGATCTCCAACACGAAGGTCAAACCGCTGATTCAGGAGAAATC
ACCGAGTCTTTGAGGCCGCTGAAATCAAGGTAAGTGAATTTTGGAGAACCAGCTGCT
CCAGTAGCGGAATCAGGCGTAGAAGCTCCCACTCCGGAAGCTCCACGGTTCTGAAGCA
GCTAAGCCCACTCCGGCGAAACCTAAGACTCCAAAGGCAGAGCCCCAAAAGCAAGAATCC
CCCAAGCCGGGAATCCAAAACCAAAGCTCCAAGCCCTGCGGATATTCCACCGAAAGCC
CCAGCTGACACTGAGGAACATTTCGGAAGTCGAAGCTGAAATCGAGGACTCACGTCCAAAG
ATCCCCAGCCCTTCGATGATGGCTCCCCGCCGCAAGCTTCGTTCCCGCTACGTTCCGCTT
CCCAACGAAGTGTGGGCAACAGCAGGATTCCAACTCCTTACGATGTCGGGCAACAGTAC
GCATCGTGGTGGTTTGAACACGCAGCTACCAGCACTCAAAGAGATCAGGCTCATCTATTG
TCTGGTGGCGGACTTCCACAGAGATCGATCGCCCGCTTCTGCAGTTTGCTTGTAAGT
CTCCACGAATACCCCTGACTGAAGCGCAGCGCTAGCTTTACGCGATGGCTTTCACTCC
GGAATCCGTGGTGTATTGCTCAACCAGCGAGATAGC

>naRXN03047-downstream
TAGAATCAGAAAAAAGTGGGGCT

>naRXN03048-upstream

AGCGAATCGGATTGAGTATTTGCTTGCGGGCGCAGAAATGATTTTTCAATTAGACACAC
TTAGACACACGTAACATAAACCTCAGGGAAGTACTGATA

>naRXN03048

ATGGCTAATCCGCTCAGCAAGGGCTGGAAGTATCTCATGGCATCGTTGACACAAGATC
GATGAGAATGCAGATCCAAAGATCCAAATTCAGCAAGCTACAGAAGCTGCCAGAAGCAG
CACCAGCAGATTATGCAGCAGCTTCTCAGATTATCGGTGAGCAGAAAGCAGCTTGAGATG
AAATTGAACCGCTTGGTTACTGACCGCGATAAGTTGCAGGAACAGGCTCGTCAGGCAATT
CAGTTGGCAGATAAGTCCGCAACGAAGGCGACAGTGTAAAGGCTCAGGAGTTCAACAAC
ACTGCTGAGGTTTTTGTCTCCAGTTGGTAGCTGTGGAACAGCAGTTGGAGCAGACTACT
GCGCTTCATCAGCAGGCTGAGGTTGCGGCGAAGGATGCTGTTGCGAAGTCTAAAGAGTCT
GAGATGCGCCTGAAAGAGCAGATGTCTCAGATTGATGCTCTACGTGCGCAGGCTGATCAG
GCGAAGATGCAGGAAAGTGTACTAAGTCTATGGATTCTTTGAATCAGTTTGGCACTCAG
GATTCTTCTGTTCTACCTTGATGCGGTGCGTGAGAAGATCGAGCGTCGATACGCAGAT
GCTTTGGGCGCGCAGGAACCTACCCAGAACACTGTTAGTGATCGCATGGCTGAGATTGCG
CAGTCCGGCACCAGATATGCGGGCGTCAGCTCGTTTGGCTGAACTTCGCGCGAGGCGCTG
GGCAGTCCGCAACGCTAAGGGCCAGCTAGAGGCAGGTGTCGAGGATGCGGAAGAAGT
ATCGACGAAACCTCCACCCCTTCAGCTACCCAGAAACCGCAAGCCAGAGCTGATGCT
CCAGAAGCATCCGCAGACGAGTCCGAGAAGAAA

>naRXN03048-downstream
TAACCTAAACACAAAAAAGTGGG

naRXN03050-upstream

GTTAAGCCTATAGGAAAAAGTGTTCATATCACCCCTGTATTGCAACACGTGAGCGGGT
AGAGTGGGTGGTAACAACACGGGGAAAGGGGAAGACACC

>naRXN03050

ATGAGCATCACACACAGTCCAAGCACTCACACAGCACTCAACGCCATCGACAACCAT
TTGGCCAGCATGTCGACCATGGTGTACCCCAAGCAATACAAGGCCATCGAGCCCGAC
CTCATCGCCCTAGAACACACCATCAACCACCAAGCCACCATCGCCGCCCCAACCAAGCC
CTCGCCGAACGCACCAACGCCGCCACACCATTTGGCTCCACCCACCTCATCGACTACCTC
ACCACCACTTCGACTATCCAAAGCAGCGCCCAACACCGCATCAATCTCGCCCACTCC
CTCTACCCCATACCGAAGCCAAACCTGGATCTGGCAACGGCGGTAATGGTGGCAATCCC
GACGGCGGTCTGATGGTGGCGACTCGGGTGATGACGACTCCGGCGACGATGACCCCGAC
CCCGAACGGGACAAGCCTGAAGACGGCAAACTGATGGTGATAAGCCTCGTGGGCCACGG
ATCAGCGCGGAAAAACAGCCATCATCACCGAGCAACTCGCCCGCTCAACCCGAATACC
ACACCCAGCGCCGAGGAGCTACGCACCCAAGCCCTGAGTCAAGCGATCTGGCGACCCCA
GAAGACCTCCGCAGCTGGCTACGCCACCACGTCACCAACCGCAATAAAAAACAACCCCAAC
CCCATCACCGCCATGAAAAGGCGCTACCTCGCTGTAGGTAAACCCGATGCCGACAACATG
GTCCGCATCAGCGGCTCGTGCCCGCAGCCACCGCAGCACTGATCACCGGAACACCGCA
CCGTTAACCAACCGCGCAACCTCGTGGATCTACCCGAGCAGAGAATATGCGCACCCGC
GGGCAACGCCATGCGGACGCGTTGCATCACATCATGGAGATCTACAACCAAGGTATTGTC
ACCCAGCTCGTGGTGAACAGCCAGCATCATCATCTCCATGACCACCGATGATCTTGAT
GAGATC

>naRXN03053-upstream
GAGGTAAAGGA

>naRXN03053

TTCCACTTCACCTCGACTGAGTTTGCCGGTTCTTATTCTTTGGTCACCAATGGTCTTAAC
GATGTTGCTGGCGAATACGTGCGGTGTCATGCGTGGCGATGTCAACAACCTCCGCTGTGCTT
TTTGATGTGGATCGCTGGTGGGACATGTCGTATGCGCAGATAGCTCGATTAATACATCA
CCACTACTTAAGCGTCCCGGTGTCGTTGACATGTGGGGTTCGAAGATTTCTCAGGCAGCG
CTACTGAATAACCGTCGCGTAGTGACCTGGTGCTCAATGGTGCCAAGCTCGATGAAATG
GGACCAAGCTAGAATCCATGACCGCTCATGTGGATATGACTAGCGGAGATCTCAACATG
TTCGAGCTGTTTGGTAAGCAAGAAGATGAGCTGTCGCTGTATTCCACACACATGGACAAA
ATCGTGTATTGACCGAGCAGGCATTGGGCGATAAGACCTCTGAGCTGGCGCTATTGCGC
GGAAAGCTCAAAGAAATTATTACAGCCTTTTATGTGGATATGAAAATGTGGGCTCTTAAT

GCCGGTGAAAACCGTGACAAGCTGCGTCTTGTGGTGTGCCTCATGAGCAGATCCCGTTG
CTCTCTGTCTTCGTGCTCTATTTGGATCAAGAATATGAGCGCCAGAAATATGAGGGAACC
AAAGACCCTGAAATGTTTCGTGCCATTTCTGTGCTGCGACTGACCTATAAGGATTTGCTC
GATACTCATGGCGATCTGTTTAAATCAGCACACGGCAGATGGCATTGATTCTGTGAACTCT
GCACGCCGCGTGATCTATGATTTTTCTGGAGTGCTGCGACGTGGCGCAGGTGTGCGGATG
GEAGAGCTGGTTAACGTGATTGGTTTTGCTGTGGAGACGCTTGGTCAAGGCGATGTGGTC
ATCATTACGGTGCTGATGGCATTGTGATGTTGATGTTTTCAGGATTATTTGGCTAATCAG
TTCGCATATATGGCTGAGCGTGGTGGGCGAGTGGCGTATCTCTACAGCTCGATGGACGCG
ATGCTTGGCACTGTTGGCTTCAATCAATCCAAACGTGCTGCGTACACCATTTTGGGCCCCG
ATGAACGTTGACTCGGTGGATACTTATCAATCTCTGATTAATAGTCAGATCCCGATGGAC
TTGGCACGGTTGGTGACAACGCAGAATTCTGGTGCGAGCTATTTGCGCCGAGGATCTACC
AATGTGGTGTGTTGAAACCAACCTTTCGCTTGGGCGTTAATCCTTATATGGAGCAGCGTCGC
AAGATTGAAGCACAGCGAGGTGAGCGACGATCCAAGCGAGACAAGCACTACGGTGGTGGC
ACGACGATGGTGGGCACAGCGGATCTTGATGTTGTCGCAATTCAGGCGAAGGCCGAGCAC
CGCGAAGAGCGCTTTGATGAGAAATCTGCGCGCAAGATGAAGGAGCTTGATGATGTAGAA
GCGAAAGAACTAGCTTTGAAAACCTGGGCCGAAGAATCTTGATGATGCGCTTGACAGGTG
GAGAAGAAGCGCTTGCGGAAGCGG

>naRXN03053-downstream
TAGTTGTTGGCTGTGGTGAATAA

naRXN03055-upstream
AAGGTCAGCCGTATTTCCGTGAGTCAGCACTAATTACGCTTATCTTCCGTGTACGATAG
ACCGTAGTTAACATAAGGAATGGAATAGGAGAATTGCGGC

>naRXN03055
ATGTATTCCGACAAGCTGATTCTCTTGTTCCTTTCTGAGCAGGATTCAAGCTATGAATGC
TGCGTAGGTTTATTAGATGGCTCAGATGGACGTGATTATATTGAAAAGCTTCTGAAGGGT
AGGAAGCTGAAGAACCATTTTCTTGAATGGGAAGATATTAACAAGGCTGATGTGCTCGT
GAAGAAATATATAAAGGGCAATTGGTGCATCTGGTGTGTTGTGACGGCTCTTCCACGCCT
GGTGAATTTCTTTTGTGTTTTCCAGGTCAATCTCTTATGAGTGCAACACTCGAAGAAGAC
TTTGCTGCGCTTGTGCTCGAAGAGGAGCGCACATCATTTAGACCTGAACTGTCTCACCTG
TGGTCACTCCCGTAGGGTGGGTAGCTCCGGGGCTTGAGGGTTTCGTGGAGCGTAATTCC
GAGGCAGCT

>naRXN03055-downstream
TGAACCACCGCTTTCTGAGCCGG

naRXN03059-upstream
GTGTCATTTCTTGGCGGACGGTCGTATCGTGAACCAGTTGTTTGTATCCCACCATCGAGG
AAATCTTGGCCACGATGAACGGAATTGAGGATATTGCCTA

>naRXN03059
ATGAATCCGGTTCCACAATGCGCAGAATCAGTCTGCGCAATATTGGCGCGCACAAAGGTC
AGGCTGTTTTTACAGTTCTGGCAGTGGTGTGCTCGGCACGTCTTTTGTTCGGCGCGATG
ATGTTTACCAACGCGCTGTCTCCACTTTTGATGAGGCTATTGCCAGCAGCTTTGACGGC
GTGGATGTGGTGGTTTACCAAACGGTGCATCAGAGGTGCAGGGTGTTCCTGTTGAGACG
GTTGAATCTTTGCGTGAGGATTCCCGCATCAACCATCTCAACATCAACGGTCCCAGACT
GTCGTTCTGGCGGATGCTGATTCCAAGGCAATTCAAACGACTGGGGGATCGTCGTTAAGC
ATTTATTACAGCGGACGACGCGGTTGCCAGGCACCTGAATTGGCTGAGGGAGAGGCA
CCGACTGGCACCGAAGAGGTGCTTGCCCTCGAAGGCGGGCGCTGAGGCGAATGGCCTGGAG

>naRXN03059-downstream
TAGGGGACCAGATCTTGGTCTGTG

naRXN03062-upstream
GATGAGTATTCTCTCCGAGGCAACGAAGTTAATATGTCCATGAGGGCGAAGTTGTAGACA
ATATTTGGCCCATATGGATAATTGACAGGAGTTTAACGCC

>naRXN03062

ATGGAAACCCCAACCAAGACATGGATGTCCGCTGGTTATACACCCAAAGCCAGCTCAAA
CTCCGCGAAATTTCTCCCCACAAACAAAACCTTCGATGTCATCCAAATCAGCGAACTCGTT
GACCCACCGACTTCATCAGGCCCAACAGCGTGGTCTTATCCGTTGGCATCGCCTTCGCA
GAAACGCCCACGCGGCTTCGCGATTGGGCACACCGACTCGCCGACGCAGGGGTCATCGCG
ATCGGGTTCGGCTCCGGCCTCACCTTCCACAGGTTCCGCAGGCGCTTATCGACGCCTCC
CTCCACCTTGGCTCGGCCTCTTTGAAGTCCCCCGTGAAATTCCATTTATCTCGATCACC
TCCAGCGTGCGTGATGAGCAAACCCGCCGTGCCGGCCGCTGCAACAAGAACTCCTCCTG
GAACAGGAACGGCTTAATCCATCGCCATCTCCGGTGGCATCGAAGCCCTGTGCCGTGCT
GCCGCCGACTATTTGGGTGGTGCAGTAACCATCGTGGACAGC

naRXN03066-upstream

AACTGTTGGCATGGCGAAGTACAATGTTTCGTGCAACTGGTCACGTGGAGCGCATCGTCCG
CGAAATCACCGCGCGTAATAGCACCAGCTTAAAAACCTT

>naRXN03066

ATGACATCAGACAAAGACACTGAACAATTGGAAGCGGCAGGCACTGAAATTTTAATGCCT
CGCCGCCGTCCGGCACAGCAGCGCAGTCGTGAACGATTCAATCGAATCCTCACCGCTGCG
CGTTCAGTGCTTGTGATCTAGGTTTTGAATCGTTCACGTTTGATGAAGTCGCTAAGCGT
GCAGAGGTACCGATCGGCACGCTGTACCAATTCTTTGCCAATAAGTATGTATTGATCTGC
GAATTGGATCGTGTGGATACCGCAGAAGCTGTCCGCGAGTTGAAGAAATTTCTCCGATCAG
GTTCTTGCCTTGCACTGGCCGGATATCCTTGATGAATTCATTGAGCACTTGGCTAGGCTC
TGGCGCGATGATCCGTCTCGCGGGCCGTGTGGCATGCCATCCAGTCCACGCCGCAACT
CGTGCGACAGCTGCGCGACGGAAGAGATGCTGGAATCATCGCGGAAGTTATGCGC
CCGCTTGCCCGCGGTGCCGGCTACGAGGAGCGCATGTCACTGGCGGGATTGCTGGTGCAC
ACGGTAAGTTCCCTGCTTAATATGCCGTGCGTGATGTCAATAGTTCCGAAGAGGATTTT
GACAGCATCGTGAAGAAATAAAACGAATGCTGATTTCTTACCTCTTCTCCGTGGCTACT
GGA

>naRXN03066-downstream

TAGTCAACACGCACGTTCCACCG

>naRXN03067-upstream

TTGCTGTTGTTGGCATTTCCCCGGATCCGGTGGACAAGCTGGTAAGTTCCGTGAGGACCA
TGAGCTGAATTTCCCTCTTCTTTCCGATGAGGACAAGTCT

>naRXN03067

GTGATGACTGCGTGGGGTGCGTTTGGTGAGAAGAAGATTACGGCAAGATTGTTTCAGGGT
GTAATTCGTTCCACATTCCTCATCAATGCTGACGGAACTGTTGGCATGGCGAAGTACAAT
GTTGCTGCAACTGGTCACGTGGAGCGCATCGTCCGCGAAATCACCGCGGCG

>naRXN03067-downstream

TAATAGCACCAGCTTAAAAACCT

>naRXN03068

ACCAAGGAAGCATGCGATTTCCGTGATTCTTTGAGCAACCTCAACGATCTCGACATTGCT
GTTGTTGGCATTTCCCCGGATCCGGTGGACAAGCTGGTAAGTTCCGTGAGGACCATGAGC

>naRXN03068-downstream

TGAATTTCCCTCTTCTTTCCGAT

naRXN03073-upstream

CGAAACATCTAGGCAACCCGACTTTTATGTCCCTGCTTGAGTTGAAACTGCTGTGATC
AAAGGTGCCCCAATTGTTTCATGCCGTGAGTTTTGCATTA

>naRXN03073

ATGGACTCCGTAAATGTCCTGCTCATTGGCATAATCGTCGCGATTGCTGCTTTGCTGCCT
CGCAAGGGTAAATATGGGCCAATCGCCACGCTACTGGTTGCCGGCGATTGGCTTGGCGTT
TTCCTCCTCAGTATTTTGGTGATGCTCGTTTTTGGTGGACTAGAGGATTTAGTTCAGGGC
TTTTTGGATTCAATCTGGTTTCGGAGTCATCCTTCTGTAACTGGCATCGTTTCCTTCGTT
GCGACACTGGTTTTCTAAACCGACAGCACTAGAAAAGCTTGATGGATTCCTAGCGCCAGTA
AAAACCTCTAGTTGGAAAACCTGTTGGAGCCGGATTGATCCTTGGAATCGTTCAGTCAGCG
ACATCTGTACCTTTTTATGCAGGGCTTGGATATTTGAGCGTTGGCAATTTCACTCCAGAA
ATTAGGTATGGCGGACTTGTGGTCTATGCGACCTTGGCTCTGAGTCTGCCGATTATCGTG
GCAATTCTCGTTGGAATGGTTTCGCAAAATACCTGAAAGTCTGTTGGTAGGTTGTTTGAA
CTGATTGGTCAAAATAAAGAGAGAGTACCAAATGGTCGGGCTATCTCGTGCTACTGGTT
CTGTGCATAATGGGCATTACTTCGATCCTG

>naRXN03073-downstream
TAACTAGCGCATGTACTCATGAG

naRXN03085-upstream
TAAGCAGGATTACGACAAGCGCCAAGATATCAAGCGTCGCACCGAAGAACGCGAAGTCAC
CCGTGAGCTCGGCCGTCGCATTAAGGAATCAACGCGTAA

>naRXN03085
ATGAGTATTACATCGCAAAAGTCCACGACGTCCTCAAAGGTGAAAAACCTACGGAACC
ACCATTTTGGTGGATCGGCTCTGGCCACGCGGTGTGAAAAAGACGACCTTGAGCCAGAC
CTCTGGCTCAAAAGCGTCGCCCCACAACCGAATCCGAAAATGGTTTCGGCCACGACCCA
GCTAAATCTCCGAATTCAGCACCCGTTACACCGAAGAGCTCAACGCCAGCAACGACAAA
GACCTAGAGACGCTTGTGACGCCACCTCCCGCCACCCGTAACCCTCCTTACGGTGCT
GCCGACCGCGACCACAACACGCCATTGTTCTAGCCAAGTGGCTAAAGAAA

>naRXN03085-downstream
TAACTCCTTGCAAATAGTTGCAA

naRXN03089
CACTCCCTCTACCCCATACCGAAGCCAACTCTGGATCTGGCAACGGCGGTAATGGTGGC
AATCCCGATGGCGGTCTGATGGTGGCGACTCGGGTGATGACGACTCCGGCGATGATGAC
CCGACCCCGAACCAGGACAAGCCTGAAGACGGCAACCTGATAGTGATAAGCCCCGTAGG
CCACGGATCAGCGCGGAAAAACACGCCATCATCACCGACGAACTCGCCCGCCTCAACCCG
AATACCACACCCAGCGCCGAGGAACTACGCACCCAAGCCCTGAGTCAAGCGATCTGGCGC
ACCCAGAAAGACCTCCGCACGTGGCTACGCCACCAGGTCACCACCGCGAACAAAAACAAC
CCCAACCCCATCACCGCCATGAAAAGGCGCTACCTCTCAGTAGGTAAACCCGATGCCGAC
AACATGGTCCGCATCAGCGGCCTCGTGCCCGCAGCCACCGCAGCACTGATCACCGCGAAC
ACCGCACCGTTAACCAAACGTGGCAACCTCGTGGATCTACCAGCAGCAGAAGATATGCGC
ACCCGCGGGCAACGCCATGCGGATGCGTTGCATCACATCATGGAGATCTACAACACGGT
ATTGTACCCAGCTCGTGGTGGAAACAGCCAGCATCATCTCCATGACCACCGATGAT
CTTGACGAGATCAACCACGGTGATCATGGCGATGGCAGTCTACTTAACAACCTGTACCCC
ACGAACACGGGTACTCATTGAACTTGGCGGAGATCATGAACCTCATCGCTGCGAAATAC
GACTTCGCTGTGCTCCTCGATGGTGAGACGGGGCAGCCGTTGAACGTCAATAGGATGCAG
CGCTCAGCGAACCTGACTCAACGCATCGCGTTGTTTGCTTCTGAGTTGGTGTGCTCGGCA
CCCAATTGTGACAGGCCGAGTTAGAGTGCGAGGTTTCATCATTTAGATCCCTGGATGAGA
GGTGGGCTGACCAACCTGGTCAATCTCACGCATCAGTGCTTTAATCACCACCCACGCAAC
GATGATTCCAGGAGTGGGGTCAATGGTAAAGGGTTTATGGACCGGATCCCGTCACTGGC
AGAGTAGGTCACTACTCAGCAAGTGGTGAGGGGCCGGTGTTTAAACGGTCGGCTGCTGCT
GATCGTTCCGGTGGTGCA

>naRXN03089-downstream
TAGTCCAGACGTAAGCATTATGG

naRXN03098-upstream
GACCGTTTTGTGATCGCACCGCTGCTGGCTCGCACCATCAACGAGATCTTCGAAAACGG
TTCCGTCAACACCTCTTCGAGGGCGAGGCCTAAACACCC

>naRXN03098

ATGCCCACCACGGACGTCTTCAACCGCGTCCGGTTGGCATTGGAACCTCTAGCTGATCCC
GCACGTGCCACCGGAATGGCAAGCTACATCGGGGATCAGTTTTCTTTCTCGGCATCCCC
TCCACCCCCAGAAAAGAAGCCTGCAAACCCGTGCTGTCCGCGCTAAAAGAGTTGGACACT
GACTTTGTCTCAGACTGCTTTGGCGCAGCTGAACGGGAATACCAGTATGTGCGCTGCGAT
CACATCAATCGCGTCGGCATCACCGATTTAGGTTTGGCAAAGCATTAGTGCAGACCAA
TCCTGGTGGGACACCGTCGATTCCCTAGCAAAACCGATCGGCGCCAAACACGATGATGAT
CTGATGAAAACGTGGGCGCTTGATGAGGACTTCTGGGTGCGCCGATCGCGATCATCCAC
CAACTGGGCGCAAGAAAACACCGACGCTGCCCTGCTGGCCTGGATCATCGAGCAGAAC
CTCGGCTCCAGCGAGTTCTTCATCAACAAAGCGATCGGCTGGGCACTGCGGGATTTGCGC
CGCCACGACCCAGCTGGGTCCGGGCTTTTGTGACGCCACGGACCTTCCCCACTGAGC
CGCGGAGAAGCCCTGAAGAATATT

>naRXN03098-downstream
TAGCCCTCAGGCATCATCTGAGC

naRXN03099-upstream

CCACGCCGTAGCGATCATTGATCACCTTGAGCACTGGGGTAATGGCATTGGTGGTGCATG
ATGCTGCGGAAACGATCTGATCATCTGCGGTGATGTCGGT

>naRXN03099

GTGGTTGATGCCGTACACGATGTTCTTCAGATCGCCCTTGCCCGGCGCGGTGAGTACAAC
CTTGGCAACGCCCTTGGACTTGAGGTGCTGGGACAGGCCTTCGCGGTACGCCAGCGGCC
GGTGTGTTGCTACACGACGGCGTCATTGATGCCGTATTCGGTGTAATCAATGGTGGCTGG
GTCAATTGGAGTAGATGACCTTGATTGGGGTGCCGTTGGCCAGATGATGTTGTTGTCATA
ATCGGTGGTGATGGTGCCATCGAATCCACCGTGACAGAAATCACGACGACGCAAGGATGC
GCGCTTGACAGGTCTTCTTCACCATTTTTGCGGACCACGATGGCGCGCAGACGAGCACC
GTCATACAGTGCCTCGCGGAAACCAGGATGCGGGCCAGCAGGCGACCGATGCGGCCGAA
ACCGTACAGCACGATATCAGTTGGGTGATGTCGGTTTCCGCACCAATGACCGGCGCGAG
AGCGTCTCCAGGAAGGCACGACGAGTCCGTGCTTTCGGATTCTTCGAAGCTGTAGGCCAG
CTGTCCCAGGTCGATCGATGCGGTACCAAGGTTATATCTACAGTTCGCGCAAAATATC
CAAGGAGCTTTCAGTGGAAGTTCTTGATATGATGTGGCGGGCGTAGCGGTGAGACTT
GATGATATCGATGTC

>naRXN03099-downstream
TGAGACATTCACAAGGAGACGAC

naRXN03104-upstream

ACTGCTGGGAGTAGCCGAAGAGGATGGTGGCGTCAGTGGTCAGGGCGTCAACGTTGCCCT
GGGACAGTGCCTCAACACAGGAAGAGTAGGTGTCGTATTC

>naRXN03104

TTGGAGCTGAACGCCCTGGGAGGACATCCTTGACCTTCTGAGCTGGAGTGGATCCGGAAAC
GGAGCACAGGATCAAACCGTTATCCAAGTCCCTGAGGGTTTCAATGCGATCGTCATCTTG
GCGAACAAGCAGAGCCTGGTGGGTAAAGCAGGTATGGGCCACCGAAGTTGACGGACTC

>naRXN03104-downstream
TGAACGGCCAGCGTTGATGGAGT

naRXN03106-upstream

AAATGCCCTCCTGAACTGGAAGAATCAAGCTTGCTTAGAGTCCTGATTACCTGCCAGAA
AGGCACCTCACAGGTGCAATTATTACACAACCCACAGCG

>naRXN03106

ATGTCCGCATCCTTTGATGACCCCAACCTCATCTCGCTTGCTGGACTGGTTCCAACCATG
CACTTAGCCGATGCTGCCAGCCTGTCCACCTTGGCCAGGACCGGTTGAGCATCACCGGT
GATAAAGGTGCCAATGCTGGTGCGAAGATCGCTCCCTAGTCGCGGGCATGGTCGCCGGT

GCTGATTCCATC

naRXN03107-upstream

GGATTTATATCAATTTTCAGGGCGTGGCGAGCTTTTAGTGATTACGCTCCTACGGTGGGT
ATCAGAAATACCTCAACTAGTAGGAGATGAGCACCAC

>naRXN03107

ATGAGCGATTTTTCACAAGGCAGAGGACCTCACAGGTAAGGCTAAAGAAGGATTCCGGC
GAGGCAACTGATAACGAGTCCCTCGCTGATGAGGGCCGTGCGGATCAGGCTAAGGCAGAC
ATCAAGGATGCTGTGCAAAACGCCGGTGAAAAGGTAAAGGACGCAGCTAACAAGGTTCTG
GGTGCCTTCAAGAAGGACGAC

>naRXN03107-downstream

TAATCCCGTACTTGTTTCAGGATT

naRXN03113-upstream

GTTGGATCTTGCATTGAAAAATGAAAACCTCGTCGGGAATGCAACTTGGGATCACGTCT
CGGGCAAGAAACGTCCTTAAAAAAGGGGAGTGATTGTGA

>naRXN03113

GTGCTTGATTTCTTAGCTGCGAACCCGCTGATTGCGCTGGTGGTTATTTTGGCCGTGGT
TTAGCAATTGGTCAGATTAGGGTCTTTGGCCTTCTTTAGGTGCCGCCGCGGTGCTGTTT
GTGGCCCTGGTGGTTTCAACTGCAAATACCGACATCGTCATCCCCATGATTGTTTATCAG
CTGGGCTTGGCGATGTTTCGTTTATGTCATCGGTTTGTCGCCCGGACCAGCATTTTTCAGT
GAGTTCGCTAAAAAGGGCTGGAAGCTCACCATCTTTATGCTCCTGCTGCTGGCAACACTG
ATTGGTTTGGCGTGGGTGCTTATTAAGTCACTGGGGCTTGATGCAGCGATCGGTACCGGT
ATGTTACCCGCGCGCTGACCTCGACTCCCGGTATGGCAGCGGTCTGGAATTGATTGAA
GGAATCGATCCAAGCCTTGCCAGTGAACCTGTTATTGGTTATTCCTTGGCATATCCGGGA
GCCGTGCTGGGATCCATTGTGGTGGCCGCGGTGGAGCGAAACTGCTCAAAGTAAATCAC
CGGGAAGATGCTCGAAAAAGAGGCATGATCACCACCGCTGGTGTGGAAGGTGTGCAG
CTCAAACCTGGAATCACAGGCAGGGTGGGAGATCTTCCACGCCTTGCAGGTGAAAGTATC
ATCGCAACCCGATGTGGATGATCCACATACACCCGCTCGCGGATCCAGATCTGCCG
ATTACTGAAGGCATGGAACCTGTTGATCAACGGCACTGAAGAAGCCGTGGATCGGGCAATT
AAGGCGTTGGGTGAAGAACGCAAAACCAAAATTGAGGACACAGAGCTGATCTACCCCGC
CTGACGGTATCTAGCCCTGAGGTTGCAGGTAGAACCGTTGCTGAGCTTGATACTGTAGCT
CACGGATTGATGATTGCCCCGATCCGCCAGGGCGATTCTGAGGTAGTGCCTAAACCTGAC
ACCGTGATCAACTACTCTGACCGCATCCGCGTGGTGGTTGCTCCTGGTCTGTGGCTGAA
GTGCGACGATTCTTAGGGGACTCTGAAAAGTCCCTTGCTGATGTTAATCTGCTGCCTTTA
GCCATCGGATTATCTCTTGGCCTGTTGTTGGGCGCGATCCCGATTCTCTCCAGGCGGC
ACCACGATGTCCTTGGCTTTGGTGGCGGCCGATTATTGCCGGCCTGATTTTGGGAGCA
CTCAAGCACACAGGACCGCTGACGTGGCAGATGCCGTTCCACGCCAACCGCACGATCTCC
ACCTTGGGCCTGGCGCTGTTTTTGGCTGGTGTGGGTACCTCTGCAGGTGCAGGATTTAGA
GCTGCGCTTACCGATTCTCTCCTTGATCTACATGGCCGGTGGCTTGGTGATCACCTTG
GCCTCTGCGCTGCTGTGTGCTGTGATCGGCATGTGGTACTCAGGTTGAGGTGGGATGAA
GCCATGGGTGTTGCCGCTGGCACCACCACAAATCCTGCAATTATTTCCCTATCTGAATGGG
CAAACCGGAACGATCTTGCCAACAGGGGATATGCCACTGTGTACCCACGGCGATGATC
GGTAAATCCTCGCGCGCAGATATTGTTCTTGCTGCTC

>naRXN03113-downstream

TAAGGTGATTTTTGGGCAGTGGT

naRXN03115-upstream

GGAAGTCTGGCAGGCAACGTCCGTGATGGCGATGGTGTGCTTGTCAACGTCGCCGACGG
CGGCCAGAAGCTCGACGTTTCCAGGGCGGTCTAACGGCTC

>naRXN03115

GTGGGCAAGCAGGAAAAGCTGCGCATTCTCTCGATGTTCCGGGAGTGGAATCAGAAGAG
GTAGGTGTAGAACTGCTTGCCGAAGGCTACTACCTGGTAGCCACTTTGCCGGCTGTCGCC

CAGGACTGTGCCCTGGGTGACGTCGTGCGGGCACATCATGTTGATGAGGTCTTGAATTT
CAAGAAGTGGCAGTTGCTGGCGGAAACAAAACCTCCGGGTGCTCGTTGATGCCATCGCT
GCTGACCACGTGCGAGCCCACTAGAAACACTTGGGCTACACGTGGAAGCTCCCATGTCA
GAAATGCTAATGTCAATATTGCCCCGATTACCGTCGCACGGTTTGGAGATCCTGCTC
GATGATCTGCATGCTCAGGGGGTAATTTTCAGGGCGTTA

>naRXN03115-downstream
TAGAGCGCTAATTGTAGAGAGC

naRXN03122-upstream
ATGGACCATGGCGGGATGAGTGAATGATGAGCGAGGAGACATGACAGCCCTCGAGGAC
GCCCAGGGCACCCGAGGCTGCCC GGCTCTACCTTGAGCAG

>naRXN03122
ATGACCGCCACCATGAGGGCGCGGTTCGATATGGCCCGCATGAGGTCACTGATGGCCAG
AACC CGCAGGCCATCGCTCTGGCTGAGCAGGTCAATTGAAGATCAGGAGGCCGAGATCGCC
GAGATGGAGCATATGCTCAACGAGCTC

>naRXN03122-downstream
TGAACAAGGACATCCCCGACCA

naRXN03134-upstream
ATGCTGTTTCATCGCTGGCGTTGGCTTTTTTCGAGCCATTTCGAGCTCTTCTCCGGGGAGAT
CCAGTTTGCTGATCAGCGGGTTTGTTCGCGTGGGGCGTG

>naRXN03134
GTGGCTTGGCGCTCGGCCAGGTTCCCATGAGCATGACATAGTTGGGTCTCCGGCTTT
GGATCCGAGGCCGACGGAGGATTTTTTCCAGCCTCCGAAGGATTGGCGTTGGACAATGGC
GCCGGTGATGCCCGGTTGACGTAGGCGTTTCCGACATCGACGTGGTCAAGCCAGGTGCG
GACTTCGTCCGCGTCGAGGGATTGGAGTCCGCCGGTGAGTCCGAAGTCGTTGCCGTTTTG
GAATTCGATGGCTTCATTGAGGTTCGGTGGCTTTTCATCAGGCCGAGGACTGGTCCGAATAC
TTCTGTGAGGTGAAGAAGGTTCTTGTTTACGCGCTTCTTTGATGCCGGG

>naRXN03134-downstream
TGACCAGAGTCGGCCGGTGTCGT

naRXN03135-upstream
TTAGCTTGTCGACGTCCCCCTCTTCCAACACCTCCGGCTTTGTTTGTTCCTCAACCAAC
CGGGCTCTGCTGCGGTGGCGACGGCTTTTGTGGCCACTG

>naRXN03135
TTGGTTTTGGATGAGCGCTGGGTTGGTGTGCGGGCTCGTTGATAAATGGGACGAGGGGGGC
GTCGAGAAGCGTCTCTTTGCTGCGGTCTTGTGTGTTGGTGGGGCCGGGCGGGCAGCTC
GATGAGCGTGGCGAGGTCAGATATGGAGGCGCGGAAGCGGCTCTCCTCTCGCTTGAAGGA
CGGGTTGTGCGGCTCGAGGTCGAAGATGGCGGACATGAAGTTTTCGCTCGCGGCGTTTTTC
CTCGAGGCGGCGCACGAGGTAAGAAATGGCCACGTTCGAATTCTTGTGGGCGCACGGCTGG
TACGTAAAGCAGCAGCTCACCGACGTCAACGCTGACGGCGCGCGCTGATCGGACGCCAT
GCCCTGCAGCATTTTCAACTCCACACGGTCCGCTACCCACGCTCCACAGAGAGCAAATG
TGCGAATGCTATGTGCAAAAGGTTGTGGCCGGCAACGCCAGGCGCAGGCCCTCCATGTT
TTCTTTGCGCATCGTCCAATAGAGGACGCGCTTGTAAATGGCATCGGTGGCTTGTGTTGGA
AGGTTCTGTGGCAACTGGCCAGCCGGTGATCTGCGCGTGACGTGCTCCATAGGCAAATT
AGCACCTTGACCAGGCGAACCTTAACGCCCGCCCCGCTGTGTTGACGCGCTCGCGGCC
GAACTGCGCCAAGTCTGGATTGCACCGAGGGCATCGGAAGGTACGCCTGCAACACAAT
TCCGGCTTC

>naRXN03135-downstream
TAGTTCATGCAGCTCTGGATTGG

naRXN03138-upstream

AGAATGTTCCAGTCTTGGCATCCAACCAGCCGATTCCGCTGGCCCACTGGGGCGTTGG
CGAGGTCTTTGGCGGTGTACAAGTTGAGGACTACCTTGAC

>naRXN03138

TTGGATATTGTTCCGAAGGATGTCGCTGAAAGCTTCGCCGTAGGTGAGGTGTTTTCTT
CGCGTGTGGGTGACGGCGTCGTTGATGATGTGCCCGTCCACAGCATCGACGGAGGCTCC
GATTTCCGGCGTTCCGTCTGGGGAGAAGGTCACTCCGAAAGAGCTGTCGTCTTGGGTACC
GCGCGAACCCTGGCTCTTGCCTCGTCAAGCAAATCTCTATTCTTTTATCTTGCCTCC
TATGGACGCCGGGCTTGGCAGAATCTGGTTGGGGCTGGTGGCGGTGAGGTATTCGGTGAG
GATTGCGTCGGCGCCGGCGAGGTTGTCGGGGTTGATGCCGGCGAGTTCGTGCTAATGGT
GATCAGTCGGGAGAGGTGAGGTGTTACAGCTTTTGTGTCAGGGCTTTGAGTTCGGGCAA
GTCGGCGAGCGTGGCAAACGCGATGGATATGCGGGAGACCTGCGCTTTTGT

>naRXN03138-downstream

TAGACCTGTGACGATGGCGAGGC

naRXN03140-upstream

CTCAAGCGATCGTGAACATCCACTAACGGGGTTACCAAAAATCCTTCGCGGACACTCC
CGAAGGAACACTTCTTGCGAGAAGGAAAGGAAGAAGCACT

>naRXN03140

GTGAAGGGCATTATCAGGAAATTAGCCGTATCGAGCGTAGCCACGATTATCTGTGGAGC
GTCCGAGAAGACCTGACGATTCGACAACCAACTGAAGGCACACTTTGTAGACAGT
GTCCTGGATAGCATTGCGAGAAGGATATGAAGGCCGAATCAACCGATTCCGCAAAAATCTTC
ATTGAAATGAAAGCGGTTGAAGAGCTGCGCACCATCGCCGCCACCCGCCCAAGCCACCTC
TTGGCTGCA

>naRXN03140-downstream

TAAGACACTTAAAGTTAAATAA

naRXN03141-upstream

GGCCCTGCTGCTCATGCGGTGAGCTGCGCGACCGAAAGCGATCTGTGAGGAAGCGGTGA
AATCTGGGTTTCGGTCCAGCTTGAGGATGTATTCCACGGT

>naRXN03141

GTGGTTGAAGCCACCGGTGTCGCCGGTGGTAATCACGTGGCCACCGTGTGGCATGCCGGT
GTGCTCGGAGTCGAAGGTTGCTTCGTCGATGAAGTTGACTTCGACTTCGTAGCCAACGAA
GTAATCAGGCATGGTGCGGATGTCGTTTTTCGATGCGCTCGTGATCGGCCGCGTCGGCAAC
CACGAAGCATTGGCGCTTGTGGGTTTGGCTTTCCGGTAAGGTCGCCGGCTTCGCCGCGCG
GGCCTTTTCCAGGGCGTCTTCGGATGGGAGGTTGACTGGAAGTGCCTTTTGAACGCCAGG
GATGCGTCGCAAAGCATCGGAGTGGCCCTG

>naRXN03141-downstream

TGACAAACCTGGGCCCCAGAAGG

naRXN03146-upstream

TAACGTGGGGGTTTTAAGCTTGCGTAGACATATCGTTTTTCGATAGATTTACATCTTGAA
ACGATACGCCCATCCACGGCGCATGTCTGAAAGGTTCCCC

>naRXN03146

ATGAATCCCCGCATCCTCATGCTGCTTCGCATCATTTTCGGCGCGGCCCTTCCTCGCACTG
TTGGTGCTGCAAGTCCTGCTCGCCATCAAAATCGTCCGCGATGGCCTCAACTCCGGCGAG
CTCTCCCCCATCCCGCTCACCATTCTCGCGAGCTTCGTGATCATCGGTTTCGGGCTCGTG
CAGTTCATCATCGTCTGTCTGTTGCGGCTACTGCGTCTCGTGGAAGACGATGAAATCTTC
GACGCCCCTCGCTCGCCTGGGTTGATCGAATTGCCATCACCATCGCAGCCGGCGCGGCTT
TTACTCCTCCCAATGGCCTACATCGTCGAGAAGTCGACGACGCCCCCGGAGCCATCGTC

TTCGGTCTCATCCTCGCGATGCTCATCACGGGCGTATCCCTGCTGGTAAAAATCATGCGC
GCACTCCTGGCCCGGCCATCGGATTCTCCACGGAAGTGAATCGGTGATC

>naRXN03146-downstream
TAAATGGCCATCATCGTCGACAT

naRXN03147-upstream
CCCTGATCCCGAGGACGATGACCGCCAAAGCGATGGCGCCTCCAATCAGGATGTACTGCA
GTGGGATTGGGCGGGCGTCATCGATGGCATCGATGCAGTT

>naRXN03147
TTGGAAATCCTCTTTAAGAGCGGTTTGGGATTGTTGTAATCATCGGTGCGGTGCGCGAA
TACTTCGGCGCGGATTTCTGCGGTGCGGGTGCCGGTGGTGGCGGCTTGTGAAAGTTGGCT
GAGTACATCGCTGGCTGGATCGCTGGAGAATCCGCTGATGATGTCTTTGGCTTCGTCGTA
TGTGTACTCCGTTTGAAGTTCCTCGGCGTTGGGGTCTGCCAGCGTGGGATCGTCTGG
GAGGAGCATGGC

>naRXN03147-downstream
TAGGCCTTCGCCGGATTCGATGG

naRXN03149-upstream
GCTTTACTAGAACCAGTGATCGGTAAACTACCTTTTAGTTCGGCTATTAGCAGTACAATC
TCTGTGGCGCTGGGATTTATTTTAGTTACCGTATATCGAT

>naRXN03149
GTGGTTATTGGCGAACTGCTTCCTAAGAGCTATAGTATCGTCAATACGGAGAAGGTCGTC
TTGTTTCGTAGTTAAACCACTTCATTATTTTTATAAAGTAATGTTTCCTTTTATTGGGTA
TTGAATCATTCAGCTGCAGGGCTAGGGAAGCTATTAGGTGTGCGTCTCGTATCTGAAGGA
GAAGAGACATTGTCTCAAGAAGAGCTGACATTAGTCGCATTGAATTCTTATGAAAAAGGA
GAGTTGCCAAAGAAGAAATATCATTATT

>naRXN03149-downstream
TGAAACGTGTTTGAATTTGATG

naRXN03152-upstream
GCAAAATATCAGCTTTGACCTGCACATATAGTTGCACAATGGTGAAAGTGCACATAAAGT
AACTTTTCGTATTTCGAATATTTAAACCTAAGGGGTTTAGCA

>naRXN03152
ATGAAGCTATTTTTCGTACTCCCCTCGTCGCACTCGGCACAGCTGCTGCAATGGCAGCA
ACCTCCATCTCCGTTCCTGCACAGGCTGAAGAAGTCGCACCAGCACAGGTTGTGTACGTG
GCTGACACCGTAGAAGAAGAAACGGGTAGCTCCAACGGATCTTCTGACATTGACTCTGAC
ACCATTTTGGATTACGTCGTCGTTATTACTGGCATCGTTGGCGTCCTCAGCGCTGGTTTG
ACCTTCGCTACTGCTTTCAGCGTTCATTGCAG

>naRXN03152-downstream
TAAATTTACGCGTTAATCACCAA

naRXN03153-upstream
TAATTTGAATTTTAGGGAACCTACCCCGAGCTTTTGCAGTCTAACGCTTATGAGTGCCTT
TTCACGGCCCTCGTTACGACTACAAAGATCGGGGTATTTT

>naRXN03153
ATGCGACGAATCTGGCTGCTCGTATGCGGCATCGCATTGACTGTGCGCCGGCTGCACGAGT
GGATCCACCACTCCCAACCGTCACGGTAACCGCAACGCCAACGTGCGAGGAGGCTGCA
TCCACGGAGCCGACCAACGACATACTTGCCAGCCAATTCATCCGTGTGAAGTACTCAGC
CAGGAACAGTTCGAAGAAGTCGGATTGGGAGTCTTGATTGTTGAAGACGCTTACCTCGGC

TCGACAGGTTTAGGTTGCAGTTTCGGGAAAGCAGACAGAGAGGATTTTTCAGGTACGTGG
CTCATTTCAACTGACCAAGCAAACCGACAATTTGTTGAAAACCAAGATCTAGAGACATTG
GATTGGGGATCCAATGACAATCCAGATCTGTATGTGCATCAAATGTCCGAGACGGGTCGT
CAATGTGAGGCAGCAGTTGACTATGACTGGGGCCGGCTTACGGTTGACTATCTCGAATTA
GGTGAGGGCTGGGAGCCAGAAATTTGTGCTCTGATGCTGTTGAAATTTTAGAAAATCTC
ATCAAGGAACTAAGGGGAATTCCA

>naRXN03153-downstream
TGACATTGAAAATTGATCCCTCG

naRXN03154-upstream
AAAGTGCCCTCTCCTAAATCGTTTCTAAGGGCTCGTCAGACCCAGTTGATACAAACATA
CATTCTGAAAATTCAGTCGCTTAAATGGGCGCAGCGGGAA

>naRXN03154
ATGCTGAAAACCTACATTAATCACCGATACCCTAGGGCAGCTGACCTCTACTGAACCCACC
ACCACAGCCCATGTTCCACTACCTGATGGATCTTCCACTCCAGTCCAAATTTGGGCGTCA
GATAACAAAGACTCCCAACTGGTGATGCTGTGGCCAGGTTTCGGCATGGGTGGCTATTAC
TATCGTCCGCTTGCGGCAGCGCTAAATAAAGCTGGATTCCATGTGGCGATTGGTGAACCTT
CGTGGTCAGGGGCAAAGTTCCGCGAAGGCTTCTCGGAAAAGTCAGTGGGGATACCATGAT
CTCGCATCGGTAGATTTTCCGCTGCAGATTGCCGCTGCGAAAAAGGCGCTTGACCTGGAG
GAAGGCCATCCCATGAGGTTTTTGTGCGATTTCGATGGGTGGGCAGATTTCTTGTCTTTTC
GCAGCGAGGCCGAGGCTGAGAAATATAATCTTCGGGCGATTTTCGGGGTGGGTGCAGGG
TCGCCGTTTAGGCCTACGTTTAGTCCGAAAATGGGAAGCGTTTGGGATTGGGTGCGGTG
CTGCTTGGTGGGATTGGTGGCCACATTGTGGGATTTTGGCCCGCAAAGTTTAGGAAAA
GACCTGGTGGGTATGGCCGACAATCGGGAACCTCACATGAGGGAATGGCGTCGATTCCAT
AAGCACAATCTTTGGACGATCTCACCGCGCAGGACATCAACTATGTGGAGGTGATGAAG
AAGGTGAGCATTCCTATTACTTTTAGTCGTTGTCCTGATGATGAGGACTGCCCGCAGGCA
TCGATTGATGGGTGGCGAGTTTTGTTCCCGCAGCGCAGATCAAATGATAGAAATTCCA
GAAGCCCTGGGACATAACCGGTGGGCTCGGGAACCTGAATCAACAGTGAAACTCTTCCTG
GAACAAGCTCTT

>naRXN03154-downstream
TAGTGACCGATGGAGCGGAGGTA

naRXN03156-upstream
GTATCGACCTCGATGATCGCGTTGCTGCAGAGATGACCATTTTAGGTGCGCCCTGTGCCTA
AAGAAGGATAACCACCACACCAGAAAAGAAGTACCTCATT

>naRXN03156
ATGGCTCGAACACACCTCCACCAGCTGATGTACTCGACATCATATTTCCACCGTGAAG
CAGACCATCGGCATTGATCTTGCTGAACTGATTCAGGGCCGTGCACTCGGCCAGGCTCAA
GGTGAGGCACAAGGCAAAGCTAGTGCAGCAGCCCTTGAGCAGGCACCTCATAATGAGCAG

>naRXN03156-downstream
TAAATAACACACACCACATGTGC

naRXN03162-upstream
GGTCAATCAGTTCCCTGCCACTGCTCTGGCTTGTGCTAGGTGTACTTCGCGCCGGAGAACA
GGGTTGCGGAGAAAGTTGTCGCCGCCTTCTGCTGGCTTCTT

>naRXN03162
GTGCACGACGAACACTGGGTGTGGTCCGACGAGAAGGATGCGGATTTTCGCCTTCGACGAT
GCGTGGCATGAAACGCATATCAACGAGCATGCCGTTGTCGCCGATGATGTACTGGTCACA
GAAATCCATGAACTCGCCGAGCTTGCGGACTTCAGTGTGGTTGTCGACTGCTTCGGTGCA
CTTGATTTTCAGTGTCCAATGGCAGTGCGGTGCCCTGGCTCGATGGATGCAGCCAGTTCCTT
GTCTACCAACTGGACGCGCCAAATGCCGGAGCCGGTGGAGCCACGGTTTTGCTTGAGCAC
GCGCTCACCGAAGGACAGGGAGGTTGGGAAAACCTTGTGGAAGGTCTCCACGTCGTAGTA

CGCCTCGGTGTCGGATGGCACCAGGTCGGTTTGGGA

>naRXN03162-downstream
TAGCTTGACCAGCGCATCTTTTCG

naRXN03167-upstream
GCCGCGACTGCGGGTGCTTTTTCGCTGTTGCGTAAAAAATAGTTTTTATTAAGGGCATTTC
CCTGATTCCCAGGTGGTGCCACATTGTTTATGGTGGAGAT

>naRXN03167
ATGAACACGAACTTGCCGAACCTATACACCGCATTTGACCTTGATCGAAGTGAATCCTCC
GAAGCTTTAGGTGTTTCCCTTTCTGCCCGCATCTTCGCTTAGAACAAATGGGAATTGCC
CAGGACGATCCTCGACGTGCCCAAACCGTCCAAGCTTTCGCAGTGCTTCGAGACCCAGCA
AAACGCGCCACCTACGATGCTCAATTAGAAGCTGGAGTTCCACTCACCTGGGCGCAGATT
CAGCATTTAGGAACTTCGGCACCTTGCTTCCACCCCTACTGCGCAGCCGTTTTCGGCA
CCTCAGCCGGAGCCGTCGCCGGAACCGCAACAGCAGTGGAATAGCGGACAAAATATGCG
TATGGCAATCCGACCATGGATTACCAAATCAGCAGAGCTACAACCCGATGCAGGACCAA
ACCCAAGCGTCGATGTATGCGCAACCTTTCGCGAACACCCCTGCACCGATGTACAACAGC
AATCAGGTTTTTAACAGGCCTACTGCGGGTACGCGTTTGTGGATGGCGATCCTCGACAGT
ATTTTTGCCGGCATCGCTGGTGAATTGTCTCCGGTATTTTCGGCTTTGGATCTGAATTTC
CTCACCAGTGTCATCATGATTTTGGTGCTG

naRXN03170-upstream
GTTAAATCATTGCGCCCGAAGAAGACCGCGCGGGCGAATTTGGGCTTGAGGGGAACCA
AACGGCCACTTTTCCAGTCCAACAAAGTATGAGGATTAAT

>naRXN03170
TTGCCCCACGCCAAAGAGCTCGCCACGAGCTGTGTTTGTGCCCCACCCCTGCTGTGCCC
GCGCTTCCCACTGATTCTGGCGCGCAGTTTGATATCCACCAGGCACTATCCGCCTCCCTT
GCCACCTATGCCCGCAACCTCACCTTGCTGTCCACACCGCCGAGAATTTAGGAAACCGC
GCGCTGACGGGCTCGCTGAAATCGAAGACACCGACGACCAACTCGCACACGCATTGGAG
CGCCTGACA

>naRXN03170-downstream
TGATCGGTCTGATCAGCGCCCTT

naRXN03172
CCAGAGTGGAAGAAATCAACTCCGGCGACGCGACCCGCGTTGTCCCAGACGCCAACGCA
GAGCTCGACATCATCGGCGCACCAGCACTTCTTGCCGATCGCCCCCTCCTACGCAAACGTC
AAAACCCCTCTCCGCACTTTCGCTGTCTATGCGCAGCCTCGGCCACGTCACCGCTGCCTCC
CCAGTCACCGTGTTCTTCTCCTCCCACTCCGTGCTCAGCAACGTTGACCGCGGATCCGAG
CACTACTCCGGACCCAACGGCCTGGGCGAATGGACCTCCGTTGGTTCGCGCAGTAGCCACC
AACTGGAACGGCGTTGTGACGCGCCTCGACGAAGCCATCACCGTCAAGGAAGTAAACAGC
CTCTTTACCGAAGACGCGCAACCCGCATTCAAGAAGCACAAGCAGCTGTTCAAGCAGCT
CGCGAGGCTGAAGAGCAAATCGCCAAGGAAGAAGCCGAAAAGGTCGACCCCTACGACAAC
TCCCCATGGGCTGCAGCAGGCATCGACCCCATCAAGGTCTCCATCGACGGACGCACCATC
TACACCCTGCGCACCTACCTCGGCGGACAGCCAGTATTCCTCGGAAAATTCGGCGAAATC
TCCACCTTCAACAGCCAAAAATCCCTCCTGCGCTGGCTCGTCAACACGATGACCACGAC
CTCGCCCGCGCCTCCACCTGGAGCGACCTCATGCTCGGCATCAACGCCGGTGAAACCGAA
CTCCTCGTCCACAGCGACAACGCTACTCCTTCAACGGCCTGGTCAAAGACATCAACACC
TCCGTGACGCGCGTAGACACCCAACAAATGGCCCGCGCCTACGAACCTATGGCAGACACC
GCCGACTGGGCGGACGACGACTCCATGAATTCCTACTTCTGGCCAACCCACGCGATGCAG
GACTACATCTCCTACATGCTCGGCGGACGACACCTCCGGATATGTCCCTCACGCACCA
TTCAACGACCACTCTGAGAGCTGGCGCGAGCTGGAGGAGATGCTGATCAAGCGATTACAG
AAGTTC

>naRXN03172-downstream
TAGGTCGCCTATTTGGGGTTTCGT

>naRXN03173

CTCAACCGCGACACCCATCACCTGTGGGTCGTCTTAACCACCGACTCCGACGACTTCGAC
 GCAGACTCCTTTACCACCGAAGTCATCCGGATCACCGGCTACTCCCGCCACGAAGTCAAC
 AACGGCCTTAACGCCATGGCCGCGATGACCAACCTCEACACCTGCGCGCCATCCAAGAA
 CGCTACTACTTCTGAGCATCCGCTACCTCGCCTCCATCATGATCGCCGTGGCCAAAGCA
 GACCCACCCCTGTGGGAAGAACTCGACCTGCGCATCACCGACGCCTTAACACCAAGTCACC
 GCAGGGGAAGTCATGATCCAATCCTCCACCCTGTCCAAACGCATCGCCGCCTGGATCAAA
 GAACTCGACCCCGAACCCACACCAGAGCCACACCGAAAGAGGACTATGTTACGTCCAC
 ACCACTGATGAGGCGACCTATGTCCGCATCAAAATCAGCGGCCCCAACCGCCTGATCCTC
 AATGACATCATACCCAACTCAAAGACACAGACACCGAGGACAGCCTGCCTGAAGCGCTC
 ATGGCGTTCTGACAGAGAAAATCCAGTTAAAGATCACCAAATACCTCTTCACCCACAT
 AAGCACCTTGAGCAGGTGTGGTCACCGGACTACGGTGACATTGATCCCGAAGCCTATGCC
 AACGCCACCCCTCGTGTGCGCCAAGGACTTAGATGAGCTCGCTGGAGCCACGGAGAAGAGC
 TACACCCGAGTGAGAAGATGAAAGCCCTGATCAGAGCTCGGGATGGGCATTGCCGCTTC
 CCAGGGTGTTCGTTCCGGCGAGTAAGTGCCAGGTGATCACATTATCCCGTGGGCGGAG
 GGCGGCCCGACAGCGGCGTGGAACCTGCAGTTGTTGTGCCAGCGGCATCACAATATGAAA
 ACCGATGGTCGCTTTACTGCTGATGCTAATGGATTGGCGGAGATTAGATGGATTGGGCCG
 ATGGATGTACCAGCGGTGACCAGGCCGACGGGTCCGTTGGTGAAAGCGATGCCGCGGGGG
 ATTTGGGGTCAGGTGTTGAGGGATCGGATCCAGGCTAGGTTTGAGCGGATCCGCGACCGC
 GCCCTCAACAAAGAAGAC

>naRXN03173-downstream
 TAGAAGCGCACAGGTTTTTGCAT

>naRXN03174-upstream

GCGATGCTCGAACGCGCAGAACGCTCCTGGGTAGACAAAGCCGCTGCATACGATTTGCGC
 TGGTCAGATCACTCACCCTGAACGTGATCTACTCTCTAAA

>naRXN03174

ATGCTGCTGACAAATCTATGGGCCATCGGCATCACCGCCGAAGGCATGACAGGCGCGCTG
 GCCGAGGCCGACAAAAATGGATCTCTTCGGAGTATCCGTATCGCATGCGTTACCGCG
 ATCGGCGGCGGATCCATCCGCGACATGCTGCTGGGACATTACCCGCTGGTGTGGGTGGAA
 AAGCCACTGTATCTACTGCTGATCATTGGCGCAGCCATTTTGACAGTGTCCATTTCTTTC
 CTGATGGAGCACTTCCGTGTGTTGTTCTCGTGCTCGACGCCGTGGGTCTTTCTGCATTC
 GCTGTGATCGGCACAAATCGCACTGGAAATGGGCTACGGATTATCATCGCAGTAGTG
 GCATCAGTGCTCACAGGTGTATTGCGCGGCGTCATGCGTGACCTTTTGTGTGACCGCATC
 CCACTGGTATTTCAAAAAGAGCTCTACGCATCAATC

>naRXN03177-upstream

CTGCCCCGATTTATGTTTTCCGACGGCACCATCTGCAAAGAACGAGTGTGACCGGTAGCTT
 TATGGGCTGAACAATTCTAAGGAGAATTATCC

>naRXN03177

GTGAAAAAGAAGCTTATGTTGCCTTTGATTGTTGCAGCTTTGGGGTTAAGTGCCTGCAGC
 TCCGAACCTGCAGCAGCCCCACTCGAAGCAGAGCCATTACATAACCTGCTCATTGATGGT
 TCAGAGTCCGGCTTGGAACAATGCCACTGAAGGAAACGACACCTCATTAAAGTGGCCAAACC
 ATCAATCTTACAGTGGTCAACGGTGCCTTAGATATCGATGGCTCCTGCGGAAAAGCCCTC
 CAAGCTGTAGAGGACGTCAATCTGGACAGCGTAGCTAGCGCATCCAGGGCACTGGCATCC
 GGCACAAACAGTAGGCATCGCCATGTACTCAACCGCCGAAGACAACGACATCTCACCA
 ATGGACCTCTACGCAGACATCGCGAATGCTTGCGAAGACCCCGTCGTCGATTCTTCCGAC
 ACCACCTACACCTTCGGCAAACTCGATGATGCTCCCGACGGCGCCGTTGGATTACCCCTC
 GACATTGAAGTACCCCTGACAATCAAGGCTCCACCGTGATGATGATCCAAGAATTAGGA
 AACCACCACATCATCGTCGAGGACTTGAAACCACCCAGAAGAAACCGCCACTGTCTTC
 GAAGACAACGCACCAAACTCGAAGAAGGCTTGACGCTTAAACAGAATTGGCAGCTTGGG
 TGGGTT

>naRXN03177-downstream

TAAATGCGCCCAACCTAAGAAAA

naRXN03182-upstream

ACTCGACACCACCGTCACCAACTTCATGATGGTCATCGCACTCTTAGGATTCATCAGCTC
TGTATCCGTAGCCCGCTTCCGCAAGAGGGATGGTGCCTAA

>naRXN03182

ATGACCCTGCAACTATTACCGACATCGTGTCTCTGGTGTTCATTCTCAGCGGCGCATT
TTGTCAATCTCCGCATCCATCGGCCTCATACGATTCAAAGACACCATGTCCAGAGTCCAC
GCCATGACCAAAACCCCAAACAACCGGCCTTATCCTCACCGTTGTAGGCGCAATCATCCGC
ATCTTAGGCCACGAACACTTCGATCAATCACAACGCAGTGACCTCGGAGTCCTTGTCTC
CTCGTACTGTTTGCACTGCTCACCAGCCCAGTG

naRXN03184-upstream

GCACAACGTCGCTGGTCAGTGCCATTAGTCACGCAAGAAATGGGCGGGTCCGGTGGAAGA
CTGGCCTGCTGTTTGGTGCCCGCGGC

>naRXN03184

ATGGTTGGCGCGTTTGGCGGTGGCGTTCTCGGGGGCTACATTCTGGCACGATTTTGATG
ATCGCGTTTGGCGTCATGATGATCGCCACGTCGACTGCGATGTTGCGGGGGCGTAAGCAG
AAGAAGGGGGCGTCGAAAAGCTCTCTTTGGCGCGTCCTTGTGATGGCCTGGTGGTCGGC
GCGGTGACCGGGCTTGTGGTGCGGGCGGGCGGCTTTTGGTGGTGCCGGCGCTGGCGCTG
CTCGGCGGGCTGTCGATGCCGGTGGCTGTGGGCACGTCGTTGGTGGTGATCACGATGAAG
TCGTTTGGCGGGCTTGCCGGGTATCTGACCAGCGTCAGCTGGATTGGGGGCTGCTGCTG
ATGGTGACTGCGGCCGCCATCGTCGGTTTCGCTTGCCGGTTGCGGCCTTGGCGGGCGCGTG
CCTGAGACTTTGCTCCGCAAAGGGTTCCGGGTGTTCGTGCTGGTCATGGGCGTGTTCGTG
CTCGGCTTGGAGCTTTTA

>naRXN03184-downstream

TAAGCTTTTCGACGTCTCC

>naRXN03185-upstream

AGCGCCCAACCGTTCAGACCAGCGGTTTCTCTGAGGATGCAAAGTCCATGATGGGTNAGG
TCACTGAGCTGTCCGAAACCACC

>naRXN03185

ATGAATGATCTTGACGCTGAAGGTGAAAACGATCCTTACCGCATGGTTCAGCAGCTGCGC
CGCAAGCTCTCTCGCTTCGTGAGCAGAAGTGGAAGCGCCAGCCGGTCATCATGCCAACC
GTCATTCCGATGACTGCGGAAACCACGCACATCGGTGACGATGAGGTTGCGGCTTCACGC
GAGTCCCTG

>naRXN03185-downstream

TAAAAGCATTTTCGCTTTTCGACG